# David Alderoty Resume Created July 2015

<u>I am skilled in expository and technical writing, and I have a Bachelor of science</u> <u>degree, with a GPA of 3.95.</u> <u>The services listed in this document, I can provide</u> <u>on a limited contract basis, or in terms of long-term employment. I have my</u> <u>own equipment, and software, and I could work onsite or offsite.</u>

> You can contact me by <u>E- mail David@TechForText.com or</u> <u>Phone (212) 581-3740, or by</u> clicking on this link, for a website communication form.

> You can download a printable version of my resume in a <u>Microsoft Word</u> document, or <u>in a PDF format</u>, by left clicking on the blue underlined words.

If you want to go to the hyperlink table of contents of this website left click on these words, or scroll down to the bottom of this webpage

#### Topic 1) Summary of the Services I Offer

I have a Bachelor of Science degree, with a GPA of 3.95, and I am skilled in expository and technical writing. I can <u>create easy-to-read documents</u>, and <u>websites</u>, with <u>diagrams</u>, <u>photographs</u>, <u>mathematics</u>, and for the web with <u>multimedia</u>. I can write documents, pamphlets, and e-books with articles, advertising, and instructions. I am skillful in explaining technical and academic material for technical personnel, manages, customers, and the general public.

#### Examples of My Work, can be Obtained from my Websites

On my websites, there are many examples of my writing, including articles, e-books, and instructions. You can access this material from URLs that are

presented in some of the following topics. However, most of the URLs are in topic ten, with 14 websites, and topic 11 with 27 websites.

#### Topic 2) Education Related to the Services I Offer

I graduated in the spring of 2013, with a <u>Bachelor's degree in Science</u>, <u>Mathematics</u>, and <u>Technology</u>, with a <u>DOUBLE MAJOR</u> and grade point average of **3.95**, from the State University of New York, Empire State College. I majored in:

1) Technical Writing and Computer Technology

# 2) <u>Computer Science and Mathematics for Creating Software-Based</u> <u>Calculation Devices</u>

I also have an Associate Degree from Empire State, with a major in
Computer Technology and Problem Solving

NOTE: Empire State College uses the term concentration, for the word major, on official transcripts.

# **Ongoing Graduate Studies**

I expect to obtain a <u>Master's degree</u> in <u>Interdisciplinary Studies in Expository &</u> <u>Technical Writing, For the Web and Hardcopy</u>, at the end of the fall semester of 2016, from the graduate program at Burlington College.

> Additional details, and other services I offer are presented in the following paragraphs

#### **Topic 3) Expository and Technical Writing And Computer Technology**

I am skilled in writing articles, advertising, instructions, reports, grant proposals, pamphlets, and books. This can involve technical or non-technical information, including computer related material. I am especially skilled in explaining technical and academic material, for a diverse audience, such as for technicians, manages, customers, and the general public.

Some of the topics I can write about include: <u>1) Business</u>, <u>2) Management</u>, <u>3) Marketing</u>, <u>4) computers</u>, <u>5) software</u>, <u>6) photography, and photographic</u> <u>equipment</u>, <u>7) Mathematics</u>, <u>8) any type of general information or instructions</u> 9) any of the topics that are presented on the websites link to this document.

I can write in a number of styles. This can involve styles and a writing format that is focused on maximizing comprehension for the reader. However, I am not fixated on one style, and I can quickly master the writing style used by any organization.

# <u>Topic 4) I can Create User-Friendly Websites, and PDF documents that are</u> <u>Designed for Expository or Technical Writing</u>

Conventional websites are designed primarily for advertising, or to present short articles, and are not ideally suited for e-books, long articles, or for mathematical, technical, or academic material. I can create user-friendly websites that are specifically designed for the above. Some of the techniques and strategies I use are listed below:

- <u>I usually use fonts that are slightly larger than the fonts used on</u> <u>conventional websites</u>,
- I provide a little extra space between lines.

- I avoid unnecessary menus, and unnecessary links.
- <u>I usually use headings, and subheadings.</u>
- For PDF documents and websites that are more than four pages in length, I create a hyperlink table of contents.
- <u>I can reinforce technical and academic material I write with diagrams</u>, photographs, videos, sound recordings, and links to other websites for <u>additional information</u>.

I can embed videos and software directly into a webpage. See the following example: <u>www.TechForText.com/Reinforce-Your-Writing-with-</u> <u>Multimedia</u> This website has 20 embedded YouTube videos, and 3,040 words of text that I wrote, and 3 embedded calculation devices that I created.

When I create PDF documents for the web, or for computer viewing, I often create hyperlinks to start <u>videos</u>, <u>sound recordings</u>, <u>downloads</u>, and software. For an example, you can access a PDF e-book I created with the following URL: <u>www.TechForText.com/Electronic-Math-Documents/PDF-ElectronicMathDocs.pdf</u> In this e-book I explained how to create electronic documents, with high quality mathematical notation, as well as with text, and graphics. This e-book has a <u>hyperlink table of contents</u>, on its last page.

## Topic 5) Writing and Mathematics, for Hard copy, or the Web

When I write for hard copy or the web, I use high-quality conventional mathematical notation. For example,  $E = mc^2$  This can also involve colored fonts, such as the following  $\int_A^B x dx = \frac{x^2}{2} = \frac{B^2 - A^2}{2}$  See the additional examples below:

$$\int_{3}^{10} x dx = \frac{x^2}{2} = \frac{10^2 - 3^2}{2} = \frac{100 - 9}{2} = \frac{91}{2} = 45.5$$

$$9x^{2} - 600 = -200 + 5x^{2}$$

$$9x^{2} - 5x^{2} - 600 = -200$$

$$4x^{2} - 600 = -200$$

$$4x^{2} = -200 + 600$$

$$4x^{2} = -200 + 600$$

$$4x^{2} = 400$$

$$x^{2} = 400$$

$$x^{2} = 100$$

$$x = +10, and x = -10$$

$$\sqrt{X^{2} + 10} = 40$$

$$X^{2} + 10 = 1600$$

$$X^{2} = 1600 - 10$$

$$X^{2} = 1590$$

$$X = 39.87480407475380$$
and
$$X = -39.87480407475380$$

I wrote two e-books that involve mathematics, which are available from the following links.

1) <u>www.TechForText.com/Electronic-Math-Documents</u> This website is an e-book, with the title: <u>Electronic-Math-Documents</u>. The book explains how to create electronic document (such as websites) with, high quality **mathematical notation**, text, and graphics. (The e-book has 19,000 words, on 130 pages)

2) <u>www.TechForText.com/Ma</u> This is an 8 chapter, e-book, titled <u>Concepts in</u> <u>Mathematics</u>, and <u>it was part of my GRADUATE STUDIES</u> at Burlington College.
 (The e-book contains over 20,280 words, on 196 pages.)

#### **Topic 6) Writing Reinforced with Photographs**

I have photographic skills, and over \$2500 of camera equipment, including photoediting software. Thus, I can take photographs, and insert them into the documents I write. This can involve subjects that range in size from microscopic, to giant skyscrapers. I am skilled with photo editing software, and I can modify the photographs I take to meet specifications for printing, or for the web. See the following examples:

# www.TechForText.com/Z2 Photographing Fish, using Techniques to Reduce the Distortions in Color and Contrast, Caused by Water

# <u>www.TechForText.com/Z1</u> <u>A Photographic Study of the Behavior of</u> <u>Zookeepers, Working with Sea Lions.</u>

Digital Photomicrographs And Photo Editing Applications To Increase Detail And Contrast Of Microorganisms, is a chapter, in an e-book I wrote in 2008. The book is titled <u>Biology and Health Science, with Related</u> <u>Technical Writing</u>. To see the photographs, left click on the above link. If the above link fails, or you do not see photographs when the webpage opens, left click on the following URL, and when the website opens, go to chapter 11. <u>www.Tech-For-Text.com/B/Biology&HealthScience.htm</u>

# <u>Topic 7) Computer Technology, Web-Based Research, The Writing Process,</u> <u>Experimentation, and other Techniques to Solve Problems and Obtain Goals</u>

I solve complex problems with computer technology, web-based research, the writing process, experimentation, and other techniques. This can involve writing documents that deal with complex projects, problems, and potential solutions. However, my skills in this area go beyond writing, and include devising methods and techniques to achieve objectives, and finding the causes or contributing factors to problems, and devising potential solutions. When problems or projects are complex, I may analyze the situation with the writing process. This can involve writing about potential causes for a problem, or the required steps to obtain a goal. This can also involve researching and writing about sets of factors that relate to a problem or goal, especially in terms of specific disciplines. Analyzing problems or goals often indicate the need for experts in specific fields, and written reports for each expert.

Complex problems and projects can also involve writing grant proposals, and similar reports that relate to funding, as well as progress reports. This can also involve mathematics, and specialized spreadsheets created for budgeting, and time management.

Most of the courses I took in college, involved some type of problem solving. This included coursework that relates to mathematics, computer technology, and the physical, social, and psychological sciences.

I wrote a 124,000-word e-book that explains some of the techniques I use for complex problems and goals. Some of the sections of this e-book requires editing, and is still in a rough draft format. However, this e-book is quite readable, and it can be accessed from the following URL:

www.TechForText.com/P

# <u>Topic 8) If I am Employed for Any of the</u> <u>Services Mentioned in the Previous Paragraphs,</u> <u>I can Provide the following Services when Needed</u>

I offer additional computer related services, when needed. For example, <u>I can</u> <u>help employees that are having difficulty using software or operating computer</u> <u>equipment</u>, which is a very common problem in most organizations. This can involve assistance while the employee is working on a specific job related task. At a more advanced level, I can provide individual tutoring or group training for the software and techniques I use frequently.

I can also **provide marketing assistance, especially for small and mediumsize companies**. This can involve writing advertisements, creating websites, or anything else that applies to my skill set. I can **provide photographic services for advertisements, or for any other purpose**. I have photographic skills, and over \$2500 worth of equipment, including photo-editing software.

<u>I create software-based calculation devices, which are useful for</u> <u>businesses, and educational institutions.</u> This includes <u>specialized spreadsheets</u>, <u>databases with calculation mechanisms</u>, <u>online calculation devices</u>, and various types of web-based <u>timing devices</u>. The online or web-based devices, I create are independent computer programs, based on JavaScript, and they function over the Internet, or directly from a computer, in conventional web browsers.

I can create the calculation devices mentioned above to meet the specifications of technical personnel, mathematicians, and managers. This can involve calculation devices for <u>business mathematics</u>, <u>statistics</u>, <u>algebra</u>, <u>trigonometry</u>, <u>hyperbolic functions</u>, <u>calculus</u>, and <u>date and time computations</u>. I can also create tutorials, with calculation mechanisms, such as for arithmetic, algebra, trigonometry, and calculus.

When I create a calculation device, I usually program in all of the mathematical steps (or operations) directly into the software. With this design strategy, I can create calculation devices that can carry out extremely complex mathematics, as soon as the user enters numbers and clicks with the mouse. These devices can be designed to carry out multiple calculations simultaneously, with one set of related numbers entered by the user. Because I program in all of the steps, individuals without mathematical training, can use the calculation devices I create, if they know which numbers to enter.

I also <u>create website communication forms</u>, based on HTML and JavaScript. If you want to see a simple <u>website communication form that I</u> <u>created</u>, <u>left click on these words</u>. After left clicking, a form will be displayed, for sending a text message, which can be over 500 words. I can create these devices with date and time displays, and/or with built-in calculation mechanisms, such as to calculate the total cost of a number of products.

#### Topic 9) Information About Me

I am very self-disciplined, and I have no difficulty working on long and complex projects. I can work effectively by myself or as part of a team. I get along well with people, especially with individuals with diverse backgrounds and experiences. I enjoy being helpful, and I respect the individuality, feelings and needs of others. I enjoy teaching individuals and small groups, but I also enjoy learning from others.

When I learn something new, or face a challenging problem, it usually stimulates a sequence in my mind of questions, hypothetical concepts, possible experiments, and creative ideas. I enjoy problem solving and goal attainment efforts that involve business, management, and human behavior. I enjoy conquering technological, mathematical, and scientific challenges. I have been interested in the physical and social sciences, and experimentation since childhood. This interest helped me do well in my college studies, which resulted in a grade point average of **3.95**.

I maintain excellent health habits. I eat with the goal of optimizing my nutrition, and I am fussy about what I consume. I never smoke cigarettes or consumed alcoholic beverages. I exercise for at least 30 minutes a day. I do a variety of exercises for endurance, strength, and flexibility.

#### Topic 10) E-Books and Articles I wrote, Ranging From Non-Technical to Technical

1) <u>www.TechForText.com/Time-Management</u> (NON-TECHNICAL) Title of the website is <u>Time-Management</u>, and it contains three articles I wrote on time management in the first section. This material was primarily written for managers, business owners that have employees, and anyone interested in the problems of managing time. (This website has 8,500 words, on 26 pages)

2) <u>www.TechForText.com/Writing-And-Computer-Technology</u> (SOMEWHAT TECHNICAL) Title of the website is <u>Writing-And-Computer-Technology</u>. This is an E-book, on how to create electronic documents with optimum functionality. This material was primarily written for web developers, computer programmers, or any individual that creates websites, or e-books. (This website has 25,400 words, on 87 pages.)

3) <u>www.TechForText.com/Electronic-Math-Documents</u> (TECHNICAL) This website is titled, <u>Electronic-Math-Documents</u>, and it is an e-book, on how to create electronic documents with proper mathematical notation. This material was primarily written for individuals that want to create websites with mathematics, and have some experience with creating HTML webpages. (The website has 19,000 words, on 130 pages)

4) <u>www.TechForText.com/A-General-Theory-of-Computing-Devices</u> (TECHNICAL) This e-book is titled <u>A General Theory of Computing Devices And a</u> <u>Related Methodology, for Creating Software-Based Calculation Devices.</u> The book describes the theory and methodology I devised and use, for creating software-based calculation devices. This material was primarily written for individuals that have a background in mathematics, and some knowledge of the basic concepts of computer programming. (This website has 16,000 words, on 70 pages.)

#### 5) www.TechForText.com/Reinforce-Your-Writing-with-Multimedia

**(TECHNICAL)** The title of the website is <u>Reinforce-Your-Writing-with-Multimedia</u>. This is a short e-book, on how to reinforce writing with multimedia. It contains 20 embedded YouTube videos, which are followed by embedded JavaScript calculation software that I created. It was written for individuals that know how to create websites, and edit HTML code. (This website has 3,400 words on 29 pages.)

6) <u>www.TechForText.com/Sound</u> (TECHNICAL) This article is titled Problems of Creating Webpages with Sound Files, and it explains, and DEMONSTRATES a technique for creating websites with audio. It was written for individuals that know how to create websites, and edit HTML code. (This website has 1,100 words on 6 pages.)

7) <u>www.TechForText.com/Sm</u> (SOMEWHAT TECHNICAL) The title of this website is <u>A General Model of Simple and Complex Systems.</u> This is an e-book with 12 short chapters, which can be accessed from a series of web links on the book's homepage. The homepage is accessible from the URL presented above. This book presents general concepts that relate to various types of systems, including biological, geological, astrological, physical, chemical, social, and psychological systems. The general model presented in the book is essentially a modification and an expansion of conventional system concepts. (This e-book was part of **MY GRADUATE STUDIES**, at Burlington College, and it contains over 18,275 words, on 162 pages.)

8) <u>www.TechForText.com/R</u> (SOMEWHAT TECHNICAL) The title of this website is <u>Research Methods for Simple and Complex Systems.</u> This is an e-book on the <u>experimental and observational research techniques</u>, used in the physical, biological, and social sciences. It explains various research concepts, and techniques, and their utility, and limitations. The book has 10 chapters, which can be accessed from a series of web links on the book's homepage. The homepage can be accessed with the URL presented above. (Writing this e-book was part of **MY GRADUATE STUDIES**, at Burlington College, and it contains over 19,495 words, on 163 pages.)

9) <u>www.TechForText.com/SL</u> (NON-TECHNICAL) <u>Strategies for Studying</u>, <u>Learning, and Researching</u>, is a 19 chapter e-book that is primarily written for college and graduate school students, who want to learn additional study skills and research techniques. (This e-book was part of **MY GRADUATE STUDIES**, at Burlington College, and it contains over 43,550 words, on 310 pages.)

**10)** <u>www.TechForText.com/Ma</u> (TECHNICAL AND MATHEMATICAL) This is a an eight chapter e-book titled: <u>Concepts in Mathematics</u>. This e-book has multiple

objectives, one of which is to demonstrate various techniques of explaining and writing about, mathematics. This includes the use of proper mathematical notation, and a paragraph structure to explain mathematical concepts. The eight chapters from this e-book can be accessed from a series of links on the book's homepage, which is accessible from the URL presented above. (This e-book was part of **MY GRADUATE STUDIES**, at Burlington College, and it contains over 20,280 words, on 196 pages.)

11) <u>www.TechForText.com/U</u> (TECHNICAL AND MATHEMATICAL) This is an ebook, titled <u>The Theorem of General And Universal Equations, For Creating</u> <u>Generalized Equations, With The Formulas From Mathematics And Physics.</u> The book presents concept and techniques for creating generalized equations. (This website has 5,300 words, on 28 pages.)

12) <u>www.Tech-For-Text.com/M</u> (NON-TECHNICAL) This is an e-book, titled <u>A</u> <u>Practical, Theoretical, and Creative View of Marketing.</u> This e-book is in a dual format involving conventional text, and an audio narration of the text recorded on a number of MP3 sound files. The sound files are hyperlinked to appropriate topic headings throughout the book. (This website has 54,080 words, on 152 pages.)

13) www.Tech-For-Text.com/B/Biology&HealthScience.htm (SOMEWHAT TECHNICAL) This e-book is titled <u>Biology and Health Science, With Related</u> <u>Technical Writing.</u> As the title implies, the book covers both writing for the biological sciences, as well as topics from biology and health science. This e-book is in a dual format involving conventional text, and an audio narration of the text recorded on a number of MP3 sound files. This website has 90,000 words, on 308 pages.)

14) <u>www.Tech-For-Text.com/W</u> (NON-TECHNICAL) This e-book is titled <u>Writing</u> <u>Articles for Publication</u>, and it explains how to get articles published. This e-book is in a dual format involving conventional text, and an audio narration of the text recorded on a number of MP3 sound files. (This website has 11,220 words, on 154 pages.)

# Topic 11) A list of Web Links to Access Technical Material I wrote, and Calculation Devices I Created

Below there are 27 links, to access software-based devices I created, with related technical writing. Most of these devices perform mathematical calculations. However, a few of these devices carry out other types of computations, such as for time and date.

Some of these devices are on websites that start with an article, or instructions. In such a case, scroll down until you see the calculation device. In addition, most of the calculation devices have numbers in their input boxes. When this is the case, delete the numbers, and then enter your own numbers. Before entering or deleting a number in a calculation device, left click on the relevant input box.

After entering numbers, you can obtain a calculated result by left clicking with the mouse anywhere on the calculation device, except for an input box. Some devices have a calculation button that you can use as an alternative to the above.

<u>www.TechForText.com/Sphere</u> (This device functions online) <u>The Radius-Sphere Calculator</u>, calculates the volume and surface area of a sphere simultaneously, when the length of the radius is entered. This software displays very large and very small-calculated results, in scientific notation.

2) <u>www.Tech-For-Text.com/M1</u> (This device functions online) <u>The Exponential-</u> <u>Calculator</u> is a JavaScript device that can calculate numbers raised to any power. This includes exponents that are negative, positive, or in decimals, such as <u>2.4</u>, <u>6</u>, <u>0.5</u>, <u>-2</u>, <u>-3</u>, <u>-0.4</u>. When the calculated results are very large, or very small, the <u>Exponential-Calculator</u> displays the results in scientific notation. 3) <u>www.Tech-For-Text.com/M2</u> (This device functions online) <u>Integral-Calculus-</u> <u>Calculator</u> is software that solves a simple integral online. This software displays very large and very small-calculated results in scientific notation.

4) <u>www.TechForText.com/PolyTrig-Calculator</u> (This device functions online) <u>The</u> <u>PolyTrig Calculator</u> carries out over 30 trigonometric calculations simultaneously, as soon as the user enters the height, and length of the base, of a right triangle, and clicks with the mouse.

5) <u>www.Tech-For-text.com/M4</u> (This device functions online) The <u>Division-Calculator</u> is for dividing one number by another. The numbers entered by the user are displayed as a fraction, and the calculated results are displayed in numbers and decimals. This software displays very large and very smallcalculated results in scientific notation.

6) <u>www.TechForText.com/General-Area-Equation</u> (This device functions online) The title is <u>General Area Equation And a Related Online Calculation Device</u>. The device on this website calculates the area of rectangles, triangles, and circles, simultaneously, as soon as the user enters two numbers, and clicks with the mouse. This software displays very large and very small-calculated results in scientific notation.

7) <u>www.TechForText.com/General-Volume-Equation</u> (This device functions online.) The website title is the <u>General Volume Equation And a Related Online</u> <u>Calculation Device</u>. This device calculates the volume of a cube, sphere, and pyramid, if the user enters the same number in three input boxes. If the user enters numbers that are not the same in the input boxes, this device calculates the volume of a cuboid, ellipsoid, and a pyramid. This software displays very large and very small-calculated results in scientific notation.

8) <u>www.Tech-For-Text.com/M5</u> (This device functions online) The <u>Physics</u> <u>Calculator for Molecular Speed</u> is a JavaScript calculation device that calculate simultaneously the <u>Root Mean Square Speed</u>, <u>Average Speed</u>, and the <u>Most</u> <u>Probable Speed</u> of gas molecules, at a specific Kelvin temperature.

The calculations are based on an ideal gas. <u>However, on the lower section</u> of the calculator, there is an input box to enter a constant for a real gas. When this is done, the lower section of the calculator will display the results for the real gas.

Because the calculated results are based on Kelvin temperature, this website has an additional calculator on the bottom of the webpage, to convert Fahrenheit temperature to Kelvin. The calculator also converts centigrade to Kelvin.

9) <u>www.TechForText.com/IntegralCalculusGenerator</u> (This device functions online) The device on this website is titled: <u>Basic Integral Calculus Generator</u>, and it is designed to help students practice calculus. When the user enters two numbers in its input boxes, this software generates 12 calculus problems that involve integrals. The student can check his or her manual calculation, by deleting the letter N in an input box. When this is done, the computer displays the correct calculated result.

**10)** www.TechForText.com/Double-Integral-Calculus-Generator (This device functions online) The Double-Integral-Calculus-Generator is similar to the above, except it generates calculus problems that involve double integrals.

<u>12) www.TechForText.com/Hyperbolic-Functions</u> (This device functions online)
 This website is titled: <u>An Online Calculation Device For Hyperbolic Functions,</u>
 <u>And Related Mathematical Concepts</u>. The website contains software that
 calculates the hyperbolic sine, cosine, tangent, cotangent, secant, and cosecant, as soon as the user enters a number in a input box, and clicks with the mouse.

**13)** <u>www.TechForText.com/Algebraic-Calculator-For-3-Unknowns</u> (This device functions online) The <u>Algebraic-Calculator-For-3-Unknowns</u> solves three equations simultaneously, online, for X, Y, and Z. The equations must be in the form of: AX+BY+KZ=M, DX+EY+FZ=N, and GX+HY+JZ=W.

**14)** <u>www.TechForText.com/Correlation-Calculator</u> (This device functions online) This website contains an <u>Online Correlation Calculator</u>. This device calculates the correlation coefficient, of two sets of numbers. The calculated results are displayed in the conventional style, as well as in an unconventional format based on percentage. A perfect correlation would be 100%, instead of 1, with the unconventional display.

**15)** <u>www.TechForText.com/AveragingCalculatorAndDatabase</u> This website provides two calculation devices, which are the **Averaging-Calculator**, which is an online JavaScript calculation device. The <u>Averaging-Database</u> is available in the Microsoft Excel format, which can be obtained by downloading.

**16)** <u>www.TechForText.com/Calculating-Spreadsheet-Databases</u> This website is titled: <u>Calculating-Spreadsheet-Databases Created with Microsoft Excel</u>. The website provides 20 databases, with various types of calculation mechanisms, which were created with Microsoft Excel. The databases do not contain data, and they are designed for users who want to enter and store their own data.

**17)** <u>www.TechForText.com/Calculating-Databases</u> This website is titled: <u>Databases with Calculation Devices</u>. The website has twelve blank databases, created with Microsoft Excel, which you can use to store and organize your data. The databases require both Microsoft Windows and Microsoft Excel, with the exception of three of the devices that are available in JavaScript for online functionality. All of the databases have some type of calculation mechanism, such as to calculate: money, averages, correlations, count the number of items entered in the database, etc.</u>

**18)** <u>www.Tech-For-Text.com/Budget1</u> This website provides the <u>Online Budget-</u> <u>Rate Calculator</u>, which calculates, <u>total income and expenses</u>, <u>balance</u>, <u>RATE of</u> <u>income</u> and <u>expenses</u>, and <u>RATE of financial gain or loss</u>. **19)** <u>www.TechForText.com/Interest/Interest/Interest.htm</u> (This device functions online) This is a <u>Compound Interest Calculator</u>. To use this calculator delete the numbers in the four input boxes, and then enter your own numbers.

20) <u>www.David100.com/M6</u> (This device functions online) <u>The Shopper's-</u> <u>Calculator</u> is useful for checking the accuracy of grocery receipts, and to determine how much an item will cost if you have a coupon reduction, and/or sales tax.

# 21) <u>www.Tech-For-Text.com/Budget/Addition/Addition.htm</u> This is a simple <u>online calculation device for adding the cost of a list of items</u>.

#### 22) <u>www.TechForText.com/Using-One-Symbol-to-Represent-a-Set-in-</u>

**Programming** (This device functions online) This website is titled: **Using-One-Symbol-to-Represent-a-Set in Programming.** The software on this website was designed to demonstrate a very simple concept that relates to computing, as well as language. Specifically, a symbol, or word, or phrase, can be used to represent many words, actions, or lines of computer code. This device uses three symbols, which are A, B, and C. The user can determine the meaning of the symbols, by entering words in an input box.

23) <u>www.TechForText.com/RELATIVITY-of-Meaning-of-Symbols-and-Signals-in-</u> <u>Computing-Devices</u> (This device functions online) This website is titled: <u>The</u> <u>RELATIVITY of the Meaning of Symbols and Signals,...</u> The software on this website demonstrates that the meaning of a symbol can be determined by the interpretation mechanism. The words red, blue and green, are interpreted three ways, with three interpretation mechanisms, in this software. There is a different version of the above software that transmits the symbols automatically from one input box, to three interpretation mechanisms simultaneously. See <u>www.TechForText.com/Computing-Devices-Relativity-of-Meaning</u>

24) <u>www.TechForText.com/Decision</u> (This device functions online) This device is titled: <u>Decision Channeling Calculator</u>, and it was created solely for experimental

and demonstrational purposes. When an even number is entered, this device automatically transmits it through a green pathway, to over 30 small calculation devices on the right side of the webpage. When the user enters a number that is **not** even, it is automatically transmitted through yellow pathway, to over 30 small calculation devices, on the left side of the webpage.

25) www.TechForText.com/Experimental-Elapsed-Timers/1)-Multi-Units.htm (This device functions online) The title of this device is <u>Experimental Elapsed</u> <u>Timer for Multiple Units</u>, and it was created <u>solely for experimental and</u> <u>demonstrational purposes</u>. This is an elapsed timer, which measures and displays time, with all of the following units: days, hours, minutes, seconds, deciseconds, centiseconds, milliseconds, microseconds, shakes, nanoseconds, picoseconds, femtoseconds, and attoseconds. This device can also be used as a countdown timer.

26) <u>www.TechForText.com/3000</u> (This device functions online) The title of this website is: <u>Counting Down to the YEAR 3000, with the Experimental Countdown</u> <u>Timer for Multiple Units</u>. The lower section of this website has a <u>timing device</u> <u>that was created for experimental and demonstrational purposes</u>. This device is similar to the timing device described above, <u>except it is set to countdown from</u> <u>the present date</u>, to <u>Wednesday</u>, <u>January 1, 3000, 12:00 AM</u>. The countdown is displayed in <u>days</u>, <u>hours</u>, <u>minutes</u>, <u>seconds</u>, <u>deciseconds</u>, <u>centiseconds</u>, <u>milliseconds</u>, <u>microseconds</u>, <u>shakes (100 millionth of a second)</u>, <u>Nanoseconds (1</u> <u>billionth of the second)</u>. The following units are displayed in scientific notation, because of the large number of decimal places: <u>Picoseconds (1 trillionth of a</u> <u>second)</u>, <u>Femtoseconds (1 quadrillionth of a second)</u>, <u>Attoseconds</u> (1 quintillionth of a second).

27) <u>www.TechForText.com/Timing-Devices-Created-with-Spreadsheet-Software</u> This website is titled: <u>Timing-Devices-Created-with-Spreadsheet-Software</u>. This is essentially a short e-book that explains various aspects about <u>formulas</u> and <u>format code</u> that relate to the time and date functionality in Microsoft Excel. The concepts explained in the book are at a very advanced level, and they are demonstrated with functioning online software-based timing devices. The timing devices are embedded directly in the webpage, and are accompanied by text explaining related concepts. These timing devices are also available by download in the Microsoft Excel format.

## **Table Of Contents**

Topic 1) Summary of the Services I Offer1
Topic 2) Education Related to the Services I Offer2
Topic 3) Expository and Technical Writing And Computer Technology
Topic 4) I can Create User-Friendly Websites, and PDF documents that areDesigned for Expository or Technical Writing
Topic 5) Writing and Mathematics, for Hard copy, or the Web5
Topic 6) Writing Reinforced with Photographs6
Topic 7) Computer Technology, Web-Based Research, The Writing Process, Experimentation, and other Techniques to Solve Problems and Obtain Goals7
Topic 8) If I am Employed for Any of the
Services Mentioned in the Previous Paragraphs, I can Provide the following Services when Needed
Topic 9) Information About Me10
Topic 10) E-Books and Articles I wrote, Ranging From Non-Technical to Technical
Topic 11) A list of Web Links to Access Technical
Material I wrote, and Calculation Devices I Created14