Charles Gundlach

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OBJECTIVES/EXPERIENCE

To re-vitalize my career by using my talents, experience, and most recent education in Web Design. I am seeking work as either a Web Design freelancer, Tech Writer, or SW Test Analyst as a part-time employee. My web design work may be seen at http://acgwebs.net/. Hard-working, focused, loyalty, and integrity are my strengths.

I have over twenty years of SW experience including – Freelance Website Developer, SW Test Databases DBA, SW Test Engineer, Database Development, Real-time Programming, Y2K Analyst/Technical Writer, Systems Analyst (Documented complex system requirements), Project Leadership

NOTEABLE PAST EXPERIENCE - 1976 to July 1993 (CAE Link, Sunnyvale, CA)

More than 15 years as a Programmer Analyst and Systems Analyst. CAE-Link developed simulation software for most all Fighter aircraft, commercial aircraft, and the Lunar Excursion Module (LEM).

Work here, where honest-hard work and technical excellence were a virtue, was a major factor in shaping my career/work ethic.

As Radar Software System Engineer for Military Aircraft Simulator

- Supervised a Flight Simulator Software Development and System Test Group.
- Defined Design Level Software requirements for Air Force Simulators per Military Standard 2167A.
- Authored top level HW/SW system requirements and flight simulator test suites.
- Defined requirements for System and Software analysis.
- Handled customer and sub-contractors liaison.
- Authored major portions of Software for Flight Simulator HW logic interface, involving all F111A cockpit
   controls and instruments.
- Due primarily due to my detailed documentation and testimony, won a 500K lawsuit (Singer-Link vs. Sperry Corp)

PROFESSIONAL EXPERIENCE – February 2005 to October 2008 (BAE Systems Santa Clara, CA)

The values of work here where very different than at CAE-Link

As Software Test Consultant/DBA

- Designed, developed, and executed test cases to verify the integrity of the control software embedded in armored vehicles. These vehicles were/are used by our troops in Iraq and Afghanistan. In 2006 – 2008, I worked on the conversion of the basic DB application used to hold and run the test cases. In the fall of 2008 I completed the effort, resulting in a sophisticated Test Case Suite.
- Authored two extensive and detailed User Manuals for the test Suite, one for ODS, and one for all Bradley Vehicles. I developed and taught related classes to Test Case Engineers.
- Designed and implemented an interface to the Systems Group Requirements Database with a coworker – Magdalena Scortea. The interface allowed the downloading of requirements directly to the Test Case Suite Database at the click of a virtual button. This was an important achievement, as it insured that the requirements that the systems group wanted to be verified could not be altered in any way, thus maintaining their integrity.
- Continuously championed the cause for maintaining the integrity of the test effort, for which our troop's lives depend!
- Undertook 6 months of coursed at Villanova University for the purpose keeping current my knowledge of SW testing. Was awarded the following certificates:
  - o   Certificate of Achievement in Essentials of Software Testing
  - o   Certificate of Achievement in ISTQB Software Testing Capstone
  - o   Certificate of Achievement in Essentials of Business Analysis
  - o   **Master Certificate in Software Testing**

EDUCATION

Wentworth Institute (Boston) - Electronic Engineering
Cabrillo College, DeAnza College, West Valley College, ZDU, UCSC - Computer Science Major
Villanova University (2008) Software Testing
Art Institute of Pittsburg (2010 - September 2012) – Web Design
UC Berkeley - GG101x: The Science of Happiness (2014)

RELEVANT KNOWLEDGE

MS Office 2010 (MS Access, MS Word, PowerPoint) HTML/CSS
Adobe Suite CS6 (Flash, Illustrator, Acrobat Pro, Photoshop, Dreamweaver)
XHTML-CSS, PHP, (some) JavaScript, JQuery, WordPress, MySQL,