

## ARLEIGH M. MOVITZ

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## STRENGTHS & EXPERIENCE

- **Applications and Tools development and testing:** Blackbox testing. Authoring and executing comprehensive test suites. Design, test, produce and present documentation and training materials; User Interface design, participate in numerous user-interface studies
- **Website development:** Set up, design, implement, test and maintain websites for varied small business, non-profit, and government clients. HTML and Javascript coding, Analog and digital photography, Photoshop, graphic design, sound processing, user interface and user experience. Liaison between ISPs and clients.
- **Technical writing and website development:** Write, illustrate and maintain publications, technical reference documents, manuals, promotions and websites.
- **Programming and applications:** HTML, Fortran, Basic; also Visual Basic, Javascript, C++, UNIX. Proficient in numerous Macintosh and Windows applications, including font development, bug tracking, word processing, spreadsheet, email, internet, web browser and authoring, graphics, multimedia, communications, diagnostics and repair.
- **Graphic design and artwork:** Create icons, splash screens, and info-windows for software tools, applications, system extensions, games, web pages. Produce artwork and photography for t-shirts, presentations, promotions, posters, e-mail forms, websites, CDs jackets for internal and event attendee distribution.
- **Font Research & Development:** Develop, test, proof (functionally and esthetically) TrueType, Intellifont, Ikarus and Adobe fonts for Macintosh, Windows and Agfa platforms. Research expanding the capabilities of TrueType typography. Technical liaison to contractors. Investigate web-based internet on-line font distribution and marketing systems. Advise legal department on font pirating issues. Idea for reuse and expansion of an existing font as a multi-language system font saved approximately \$100,000 in development and localization costs.
- **Multilingual Font development and testing:** Produce and test roman and non-roman alphabet fonts for:  
MacOS operating systems (System 7 through OS8.6; domestic and localized versions);  
In-house rapid-prototype applications;  
Bundled applications (eWorld, QuickTime);  
Shrink wrap products for retail sales (Apple Font Pack, Language Kits);  
Specialize in one-time and unusual projects and fonts (i.e. dingbat, symbol fonts)
- **Technical Support:** Set up, maintain and repair hardware, software, networks, servers for in-house use and developer training events. Administrate local servers, archive and source control. Telephone technical support problem solving and software debugging.
- **Training:** Produce training materials for font designers and developer training events. Create and maintain technical instructional material distributed through QA division. Present tools and teach students at developer training events worldwide. Manage college computer labs; supervise student assistants; thesis advisor. Teach college-level courses in Computer Graphics. Orient and train new employees.
- **Health & Safety:** Volunteer Firefighter, Emergency Response Team Building Captain (Apple & Palm), Certified Hazmat Specialist and medical First Responder; Ergonomics advisor, Health & Safety site inspector, Safety Committee member. Confined space entry, air and water quality monitoring, lockout/tagout, etc.
- **Operations & Maintenance:** responsible for construction, operation and maintenance of remediation systems for treating industrially contaminated groundwater, including electrical, plumbing, mechanical, chemical treatment systems, computer PLC and security systems; forklift operation.

**WORK HISTORY****FREELANCE WEBSITE DEVELOPER 1999–current**

Clients include (*partial list*):

- Santa Clara County Fire Department (<http://www.sccfd.org>) (Merit and Outstanding Service Awards)
- Novo Artists, Inc. (<http://www.novoartists.com>)
- Arleen Auger Memorial Fund (<http://www.arleen-auger-memorial-fund.org>)
- Stevie Lindh Design (<http://www.stevielindhdesign.com>)
- The Sea Strands (<http://www.theseastrands.com>)
- Cali Entertainment (<http://www.calientertainment.com>)
- Walters Consulting (<http://www.waltersconsulting.com>)
- Campbell's Rescue 25 Restoration Project (<http://www.campbell-rescue-25.com>)

**PLANTRONICS, INC., Santa Cruz, CA 1 year****• Quality Assurance Technician (Contract)**

Authoring and executing blackbox test suites for Office Communications products with VOIP, headsets, and cellphones. Failure analysis, competitive testing and analysis, report authoring and editing.

**PALM, INC., Sunnyvale, CA 3 years****• Software Test Engineer**

Blackbox testing of Treo smartphone messaging, browser and Point-of-Interest applications, and PDF viewer on the Foleo. Generated over 1000 bug reports and 2000 test cases. Some whitebox testing.

**LOCUS TECHNOLOGIES, Mountain View, CA 4 years****• Engineering Technician**

Website Development & Maintenance, Health & Safety, Operations & Maintenance

**APPLE COMPUTER INC., Cupertino, 8 years****• Font Development Engineer, Font/Tools Group****AGFA-COMPUGRAPHIC, Wilmington, MA 5 years****• CAD Type Designer, Type Division****EDUCATION****FOOTHILL COLLEGE/DE ANZA COLLEGE, Los Altos Hills/Cupertino, CA**

- 3.8 GPA
- C++; HTML/Website Development; Javascript; UNIX; Visual Basic

**MASSACHUSETTS COLLEGE OF ART, Boston, MA**

- Bachelor of Fine Arts (BFA) degree. Emphasis in Computer Graphics.
- Also Industrial and Package Design, Illustration. First prize, package design competition.
- Computer Lab Technician and Teaching Assistant for computer classes.

**APPLE COMPUTER, INC., Cupertino, CA**

- Management Preparation; Worldwide Quality Engineering (awarded best in class)
- Human Interface Design; Network Technology
- Hazard Communications; Evacuation Coordinator

**NORTHEASTERN UNIVERSITY, Boston, MA**

- Mechanical Engineering program.
- President, Flying Club.
- Internship: U.S. Dept. of Transportation, Cambridge, MA, Fortran programmer

**PUBLICATIONS & INFORMATION DISTRIBUTION**

- Photograph in online book about Firefighters (Learning A-Z, Inc.), 2009
- Photograph in *Fundamentals of Fire Fighting Skills*, National Fire Protection Association/International Association of Fire Chiefs, (Jones and Bartlett Publishers, Inc.), Mar 2008
- Photograph in *Earth Structures* (It's About Time, div. of Herff Jones, Inc.), 2007
- Photography for article in *Weekly Reader*, 1<sup>st</sup> Grade Edition, Oct 2004, Week 2.
- Provide material, technical reference and assistance for Campbell Historical Museum fire department historical exhibit, 2003-2007.
- Photography for article in *American Fire Journal*, Sep 2001.
- Photography and text for Public Education brochures, class and presentation material, annual reports, and yearbook, Santa Clara County Fire Department.
- Author of 120 page "Apple TrueType Font Quality Specification" ([fonts.apple.com](http://fonts.apple.com)).

**ACHIEVEMENTS, ACTIVITIES & CERTIFICATIONS**

- California Certified Volunteer Firefighter, Santa Clara County Fire Department, 1999–present (Cert. 2007)
- Santa Clara County Fire Department Outstanding Service Award for Public Education, 2002.
- Santa Clara County Fire Department Award of Merit (for website), 2001.
- Santa Clara County Fire Department Volunteer Division Executive Board Alternative Representative, 2008
- Santa Clara County Fire Department Volunteer Division Executive Board Secretary, 2011
- Hazmat Technician/Specialist 1A-1G certification in compliance with 29 CFR 1910.120(q), 2003-present.
- Hazmat First Responder Awareness (2000–present) and First Responder Operational, 2003-present.
- HAZWOPER (Hazardous Waste Operations and Emergency Response) certification in compliance with 29 CFR 1910.120(e), 1999–present.
- Confined Space Rescue Awareness (2009)
- Forklift Operator certification in compliance with 29 CFR 1910.178, 1999–present.
- Emergency Response/CPR for the Professional Responder, American Red Cross.
- President, Board of Directors, Sunnyoaks Townhome Association, 1996–2002, 2008-2011; Secretary 1995, 2011. Responsible for the operation of a 22-unit association with a \$63,000 annual budget.
- Volunteer, Santa Cruz SPCA (2011)