

## Objective

Seeking a growth position in the development and testing of Internet systems for business. Desire to use both emerging technologies and proven methods in innovative ways to build client satisfaction. Enjoy working in both team and independent environments.

## Summary:

- QA of Internet site content, graphic and logic flow for English and Japanese websites.
- Graphics creation, editing, optimizing, (photos, transparent and animated graphics)
- Create surveys, DOM form data validation, dynamic CGI pages with JavaScript, Perl, Python
- Composition of HTML / WML / XML tables, forms, framesets, document descriptors (OMA DRM), JavaScript validation, redirection, etc.
- Manual HTML repair and optimization of clients' work originated in WYSIWYG editors.
- Skilled prototyping with 3rd party tools (Macromedia DreamWeaver, Fireworks, etc.)
- Effective Client Support and negotiation, localization, bridging cultural issues of style, color, and language
- Device and Application Skill set: Firmware, software and mobile network technologies
- Interoperability tests of with Java, BREW, PalmOS, Windows CE, and Data connectivity
- Mobile devices: PalmOS, WinCE, CDMA / GSM phone / PDAs / IrDA, GPRS data.
- Success from inception to completion of wireless firmware projects, including:  
IOTA, OMA DRM, OpenWave browser, UI, MMS, SMIL, SMS, WML,
- Create and maintain Perl, Python, VB, VBA, and BASH scripts for tests, data parsing and validation for CDMA, SMS simulators on Linux and Unix consoles

## Experience:

- **Ocean Systems Engineering Corp** - January 2006 to May 2006 *QA Lead / Engineering Specification Writer*
  - QA Management: Initiate comprehensive QA campaign from the ground up for 6 developers creating web client interface for cameras and sensors with JSP / JBOSS
  - Document Control: Create Test Plans, User Manuals, Metrics, pivot table statistics
  - Present Statistical analysis for Project Managers' planning meetings ("Bug Scrubs")
  - Manage Bug Tracking Web Portal and link live data to Excel pivot table reports
  - Create and execute full feature and regression tests. Verify bugs, escalate critical issues.
  - Train and work with team for round-the-clock stress tests prior to delivery
  - Part of delivery team deploying product to Navy SIL Lab, Baltimore, Maryland
  - Active Secret security clearance
- **Symwave** - September to December 2005 - *QA Startup Development Contract*
  - Create formal QA infrastructure and periodic test and build schedule from ground up
  - Write test plans, test suites, and Product, Engineering and Process ("how to") manuals
  - Program MS-Access system to track bugs and ownership, replacing overgrown uncontrolled Excel file.
  - Liaison between sales, customers and US and China development teams.
  - Create installer, and turned over new system to interns and project management.

- [Kelly Engineering](#) - 1997 to 2005 - *QA Engineer assigned to projects with:*
  - Nokia Mobile Phones QA Engineer
    - WAP (push), WML, Browser Testing, SMIL, MMS, SMS, development and execution
    - Admin of department website / publish test specs and results on test portal
    - Build Acceptance and Interoperability Testing, Live and Lab networks
    - IOTA Specification and Test development, to delivery to test teams
    - Served four member development team in Sprint's Acceptance Lab in Kansas
    - OMA DRM (Combined and Separate Delivery), Level 1 Acceptance, UI
  - Intel Wireless Lab QA Engineer
    - Web and Help documentation and testing, English and Japanese
    - 802.11 driver installation, Proset, miniPCI, throughput testing, some WHQL tests
    - Error tracking, bug scrub "triage" meetings between test & development teams
    - Lab and Ghost inventory management
  - Hewlett-Packard San Diego Software Test Center
    - Create, edit, and execute Test Scripts, leveraging and annotating for future projects, including Euro and Asian smoke testing (DBCS) and full test cycles of I/O, MSI, PnP, Contention, Win9x, NT, ME, XP, MS-Office
    - Create / Manage inventory of supported "Ghost" images of Operating Systems: NT, Win9x, Win2K, WinXP. Flash firmware as needed. Burn build CDs as needed.
    - Software and Drivers: Photo editing and card readers for Sony, MMC, and others.
    - Special projects: Test and install corporate customer builds. Katakana LCD testing
  - San Diego Gas and Electric (Tree Mapping project Hardware manager)
    - Hardware integration and Beta Tester Administrator for six (6) field testers
    - Created MS-Access and VB6 Visual Studio and Web / JavaScript applications for inventory document control, paging field personnel
    - Data validation before transfer from Beta units to SQL server.
- [Siemens Mobile](#) 2/2003 to 9/2004 - *NAFTA QA Engineer*
  - Create, execute test plans, and verify results for MMS, SML, WML, SMS, File import and Data conversion from German text files to MS-Access and Excel
- [Kyocera Wireless](#) - 8/2002 to 2/2003 - *QA Engineer for accelerated 7135 project*
  - QA of prototype CDMA telephone/PDA (PalmOS) using Tektronix and Agilent tools, Test Expert, and live connections to:
    - perform ad hoc, full feature, regression and verification tests. Used results to create formal test specification
    - create and execute formal tests of Palm OS, mobile phone, web browser, 911, SMS, PC installation, and accessories
    - stress tests and contention tests of CDMA vs. PalmOS
  - Leverage previous outlines and other model's documentation to create new product test plans
- [Microserv](#) - 8/1995 to 2/1997 - *Field Engineer to US DOE remote super fund site*
  - Troubleshoot and Repair PC, network, video, modem, and other peripheral electromechanical and logic assemblies.
  - Deploy new operating systems, backup and restore, train clients.

- **Concurrent Web Development** - OverRev, Okui etc. 1994 to 2000
  - Consult, Photograph and Develop Websites (HTML and Content)
  - Web Graphics: Photograph, edit, animate as needed
  - Support Web Hosting for Japanese and English WebPages
  - Proof, Edit, Advise and create English for
    - <http://www.okuielec.com/>
    - Race Across America 1997 and 1996
  - Create internet surveys, developing forms and form validation with CGI and JavaScript
  
- **ADTECHS/** (subsidiary of JGC Yokohama) 11/93 - 5/95 - *Technician / Technical Writer*
  - Development and support. of Engineering, Labor and Accounts Payable records and reports for DOE
  - Programmed Paradox reporting solutions to integrate, simplify and improve existing processes
  - PC and printer network support for Japanese and English speaking engineers
  - Technical Writing of Instrumentation Specs, Contract Negotiation Minutes, and Agendas

### Education

- Experience greater or equivalent to BS/CS. Continuing Education Goals include BS/CS (2006-7)
- A.S. Degree Computer Science (Microprocessors, Calculus, Pascal, Assembly, Fortran, C, etc.)
- Japanese for Business (University of Washington Extension), 1997

### Other Skills, Languages

- Dell certified: desktop and laptops
- PC support for Japanese and English speaking engineers.
- Web development and QA of bilingual website and help documents
- Conversational Japanese, very basic reading skills for menu navigation

### Security

- Active US military secret security clearance (expires 5/2008)
- Nuclear training and clearance for BPA's WPPSS Nuclear Power facilities
- U.S. Citizen with current passport