

SUMMARY

Innovative electronic engineer student and entry level software developer, with some experience in iOS, some with Droid SDK using Eclipse. Specializing in troubleshooting of circuits, network analysis, and electronic devices. Proficient on MAC OS X and PC platforms including software and hardware diagnostics, Microsoft Word, Excel, Powerpoint, and Access. Experience varying with Java, PHP, Objective C, Cocoa, Cocoa Touch, Wordpress, HTML, CSS, Javascript, SQL, MAMP, VB, EC2, VMware. IDE's on both platforms, including Eclipse, XCode, Interface Builder. Also experienced with Git, GitHub, JIRA, Campfire, Tomcat, CoRD, RDC, VirtualBox, Carbon Copy, Mac Instruments, Vi editor, Deploy Studio and Droid Development using Eclipse.

EXPERIENCE

Next Step Living South Boston, MA

9/2012-Present

Home Energy Adviser

- Assess a home's entire energy efficiency, from a heating and electrical perspective.
- Test all heating and hot water systems for safety and efficiency after setting up BPI (Building Performance Institute) standard testing scenarios.
- Make suggestions to customer, paired with local town and state rebates and incentives, to upgrade home in a cost effective manner.
- Model entire home using software, for before and after assessment as well as suggested work.

WellogicAlere Waltham, MA

11/11-02/2012

QA Engineer & Software Engineer

- Documented entire core functionality of main application "Consult" containing 40+ pieces of internal, in depth documentation, also responsible for creation of 800+ test cases, their automation, reducing of redundancy, etc.
- Trained and helped ramp up new employees through wiki work, tutorials, 1 on 1 demo's, etc.
- Helped hire mobile/ iOS team, created interview questions, interviewed candidates, etc.

WellogicAlere Waltham, MA

2/2011-11/2011

Software Developer

- Supported CTO and Sr. Software Engineers on any and all projects- technical and non-technical.
- Queried multiple databases to find relevant information to projects at hand, using Oracle SQL Developer in EC2 or custom Virtual Box environment.

Jr. Mobile Developer

- Responsible for initial iOS architecture mimicking web-app Consult, creating native iPhone app. Eventually assisted in creation of information-rich iPad app, as well as implementation of miscellaneous features on both devices.
- Researched and briefed CTO and Sr. Software Engineers on necessary, unfamiliar elements in mobile development projects across all platforms.
- Worked with CEO, VP, Chief Architect, and head of HR for two months regarding recent successful acquisition by new parent company, mapped out and was in charge of entire due diligence documentation process including all architecture, processes, technologies, risk management, business continuity and 30 other pieces of in depth, technical software documentation.
- Attended daily scrum every morning and logged hours as well as progress in Jira every night.
- Accessed and utilized resources in different environments, such as EC2 or VMware, via tunnel, SSH, CoRD, RDC.
-
- Functioned as Scrum Master for successful Meaningful Use certifications- while in charge of all new Meaningful Use automated testing.
- Scrum Master for coordinated development with team in Dubai in unison with Boston and Hawaii offices, also as in-office scrum master for QA.
- Documented and posted to Wellogic intranet Wiki beginning of steep learning curve pertaining to setup of IDE's, Tomcat, Git, and mobile development setup to facilitate new hires progress in a more felicitous and pragmatic manner, which (as of December), has helped 15+ new employees get up to speed in days as opposed to what was months.
- Reloaded "preference" files for different clients ("flavors"- essentially the main web app's client specific customization) successfully on multiple occasions to become familiar with the flow and functionality of main web app Consult version 4.3.

IT Project Associate

- Filled position as intermediary IT Manager/ Director. Worked rebuilding new & old MacBook Pro's with company's stable "master image" built by myself with CEO's specifications.
- Cloned images using Carbon Copy Cloner, Disk Utility, and Deploy Studio. Adjusted permissions on each machine for from terminal, and added software accordingly to 50+ machines.

- Ran cable from “dmark” to router to switch, tested for connection, wired ethernet cables with heads.
- Pushed files and builds to GitHub repositories using Terminal and Git.
- Worked with Webistrano Zendesk in unison with Jira- in depth when necessary to help Support Department with new additional clients until additional support was hired, working with multiple project managers and clients.
- Retrieved and built 20+ Java Projects from GitHub and updated Jar files using Terminal, then transferred, debugged and compiled after setting up Eclipse IDE with Tomcat.
- Documented entire core functionality of main application “Consult” containing 40+ pieces of internal, in depth documentation, also responsible for creation of 800+ test cases, their automation, reducing of redundancy, etc.

New England Masonry & Son, Dover MA

2002-Present

Jr. Partner

- Farmed for work, telephoned contacts, while in area of current job site gave free estimates to potential clients. Acquired necessary workforce, materials, and tools to complete job if estimate/ bids were accepted, after followed through with customer satisfaction surveys, etc.
- Delegated workforce of up to 15 on site and 45+ in multiple work sites in and out of state.
- Executed networking of company, advertising, website, e-mail, database and contacts.

Head Mason

2007-2010

- Worked with customers, established estimates and completed math for jobs, entered data into computers, worked with project managers, contractors/ builders and homeowners.
- Managed crew of one to six on regular basis with up to twelve workers including masons.

Masons apprentice / Mason

2002-2007

- Drafted and negotiated new work and restoration contracts including materials but not limited to: brick, stone, block, concrete, and “pavers”(for patios, walks, driveways, etc).
- Produced walls, chimneys, patios, stairs, fireplaces, veneering and restoration work, etc.
- Analyzed job according to blueprint/ plans, customers vision, and implemented on time.

CVS Pharmacy, Dedham, MA

2009-2010

Shift Supervisor/ Training Assistant Manager

- Controlled Cash: Garda and external bank transactions, safe, registers, deposits,
- Delegated and monitored employee activities, trained multiple shift supervisors.
- Carried out customer service, merchandising and evaluated inventory regularly.
- Communicated effectively with store manager, covered multiple supervisors shifts.
- Exceeded normal workloads unloading overnight truck when necessary as well as in emergency situations, such as Massachusetts mid-summer water ban in mid- 2010.

- Demonstrated highly effective managerial skills, notably in July 2010. Using inventory numbers in comparison with current “ in stock” numbers, narrowed down targeted goods and marked them discreetly to stop known thieves deemed “not attainable or traceable”.
- Collaborated and investigated theft with other location store managers as well as loss prevention and personally, effectively disabled and had arrested a theft ring in effect for up to three years, responsible for over \$10,000 in higher priced, upscale merchandise.

Home Depot, Norwood, MA

2010

Associate/Customer Service

- Coordinated customer service in inside and outside garden, landscape building materials, electrical department and lighting, covering merchandise over 25% of the entire store.
- Assisted customers for all projects and problems in any said area of expertise and training.
- Promoted to H.D. Associate in tools and hardware, directed customers to the right tools and hardware to get whatever projects they had done, pragmatically, covering the entire store.
- Helped people in emergency situations plan out and execute effective solutions to flooding during heavy rains in spring 2010, integrating sump pumps, wet vacs and dehumidifiers, also designing and setting up unique plumbing fixtures and fittings on the spot.

EDUCATION

Benjamin Franklin Institute of Technology, Boston, MA

2008-2010

Electronic Engineering & Physics

Overall GPA 3.8

Classes:

- Computer Concepts (Visual Basic, Access, Powerpoint, Microsoft Word), Digital Principles, Digital Systems, D/C Circuits, A/C circuits, Visual Basic, Electronics I & II, Embedded Processors, Electronic Communications, Programmable Logic, C++.
- Freshman Seminar, College Composition I & II.
- Trigonometry, Pre-calculus, Calculus I & II University Physics I & II.
- Labs for AC and DC Circuits, Electronics I and II, and Digital Principles covering binary and digital systems, characteristics of integrated circuit logic families.