

Jordan Hourani

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Objective

I would like to obtain a Software Engineering position that will utilize my talents and allow me to grow in my experience as a Software Engineer/Developer, I have skills ranging from real industry experience to military background, and I feel as though I can be a very valuable asset to a team.

Education

UNIVERSITY OF MASSACHUSETTS (Fall 2012-present) – Boston, MA, Degree Expected 12/2013

B.S. in Computer Science

Studies and major projects have included:

- Object-Oriented and Structured programming designs.
- Advanced algorithms, data structures, and their various time complexities.
- Embedded systems programming and analysis.
- Wrote intelligence for a simulated computer player by analyzing a building up and analyzing a game tree for the best and worst case scenarios, and by reacting to a human players move.
- Coded a diagnostic program for a chipset, and tested it by sending signals through a chip and analyzing the resulting data.
- Co-developed a Ruby-on-Rails web application for a real world client.
- Debugging and testing code using built in and remote debuggers, including GDB, PDB, and Eclipse.
- Using a Context-Free-Grammar, enhanced a compiler for a subset of Java called J--.

MASSBAY COMMUNITY COLLEGE(Fall 2008-Fall 2011) – Wellesley, MA

- Consistently made Dean's List, transferred to UMass two classes shy of the Associates Degree.

Skills Summary

OS Systems:	UNIX/Linux (various distributions), Windows XP/Vista/7/8
Languages:	Java, C, Python, LISP, gas i386 Assembly, XML, HTML. Have worked some in Ruby, Haskell, and Javascript as well.
Software:	Eclipse/Netbeans IDE, Emacs, VIM, Photoshop/GIMP, Sublime, Git/Mercurial DVCS, Ruby-on-Rails

Work Experience

Selventa - Cambridge, MA (2012 - 2013)

Software Engineer/Intern, worked closely with senior engineers to solve problems surrounding the OpenBEL framework and internal Selventa software solutions

- Designed OpenBel wiki homepage and assisted in the data migration process.
- Enhancements to the OpenBEL framework, an open source project from Selventa.
- Researched and recorded benchmarks for NOSQL graph-based database solutions.
- Wrote Python modules to automate the parsing, building, change-log, and update process for the BEL Namespace and Equivalence files for BEL v.2.0.

Verizon Wireless - Dedham, MA (2009-2012)

Technical Support/sales, Handled technical troubleshooting within a professional environment spanning across multiple operating systems. Able to provide customers with real time analysis and solutions for software and hardware related issues.

U.S. Marine Corps / U.S Army - Jacksonville, NC and Boston, MA (June 2002 - January 2009)

- **USMC - Infantry (squad and team leader):** Deployed 4 times in support of both OIF and OEF, and over the course of my time in the Marine Corps I developed such skills as hard work ethic, teamwork, maximum productivity, leadership, and of course the ability to follow orders to a great degree of precision.
 - **US Army - Recruiting and Retention NCO** in S. Boston for the MA Army National Guard. My responsibilities included recruiting, motivating, and retaining future soldiers for the U.S. Army, working within diverse groups of people, and always adhering to a high standard as a public figure in the community.
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