JORDAN HOURANI

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OBJECTIVE

I would like to obtain an entry-level Software Engineering position that will utilize my talents and allow me to grow in my experience as a software 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

Bachelor of Science, Computer Science
University of Massachusetts, Boston (September 2011 – December 2013)

- 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 building up and analyzing a game tree for the best and worst case scenarios, and by reacting to a human players move.
- Learned the fundamentals of functional programming, and how procedures and functions can be treated as first-class citizens.
- 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, Wellesley, MA (January 2009 – May 2011)

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

SKILLS & ABILITIES

Operating Systems: UNIX, Linux (various distributions), Windows XP/Vista/7/8, Android OS, Mac OS
Languages: Strong – Java, C, Python, LISP, gas i386 Assembly, XML, HTML.
 Intermediate – Ruby, Haskell, Javascript, CSS/SASS
Software: Eclipse/Netbeans IDE, Emacs, VIM, Sublime, Git/Mercurial DVCS, Ruby-on-Rails

EXPERIENCE

Software Engineer – Internship (June 2012 – September 2013)
Selventa Cambridge, MA

- Worked closely with senior engineers to solve problems surrounding the OpenBEL framework and internal Selventa software solutions.
- Designed the current 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.

Technical Support and Sales (July 2009 – June 2012)
Verizon Wireless Dedham, MA

- Handled technical troubleshooting spanning across multiple operating systems within a professional, customer oriented environment.
- Was able to provide customers with real time analysis and solutions for software and hardware related issues.

Infantryman and Military Recruiter (June 2002– April 2009)
United States Marine Corp and the U.S. Army Jacksonville, NC and Boston, MA

- Deployed 4 times in support of both Operation Iraqi Freedom and Operation Enduring Freedom.
- 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.
- Recruited, motivated, and helped to retain future soldiers for the U.S. Army.
- Worked within very diverse groups of people, and as a public figure in the community always had to adhere to a high standard.

Personal and Professional References Available Upon Request.