BRENDAN M.L. DAHL

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Career Objective

To seek a senior software engineering position. The ideal job will allow me to leverage my existing computer skills and knowledge in a productive role, while broadening my experiences.

Experience

WeddingWire—Bethesda, MD   Nov 2008–Current
Software Engineer
- Design and implement restlet JSON/XML API services for use in PHP, J2EE, Android, and iPhone.
- Design and implement multiple drop-in, javascript based widgets with JSONP.
- Improved performance through Apache caching and jprofiler, cutting jboss API workload by 80%.
- Integrate Facebook Connect login to existing authentication infrastruture of large J2EE application.

Kadoo—Washington, DC   Aug 2008–Oct 2008
Software Developer
- Design and implement JBoss SOAP web services for iPhone, Windows, and Python consumers.
- Correct Jira tracked bugs in Maven built JEE JBoss application using Eclipse platform.
- Collaborate in team development and code reviews to ensure well-performing programs.

GWU Computer Science Department—Washington, DC   Sept 2007–Jun 2008
Instructor Assistant
- Operating Systems: instruct and assist in grading for Linux Kernel programming in C.
- Compilers: design, lecture, and grade compiler construction with Lex/Yacc in C.

Part-Time Self-Employed—Arlington, VA   Jan 2002–Current
Consultant for Computer Systems
- Resolve computer problems and support computing tasks.
- Originates out of volunteer computer work for non-profit organizations since 1994.

Odin Technology—Dulles, VA   May 2006–Sept 2006
Software Engineer
- Maintain and deploy 2D graphical JAVA application for RFID readers.
- Improve responsiveness of graphical JAVA application through buffers and rendering hints.
- Transform graphical JAVA application to use an object-oriented model.

Education

The George Washington University—Washington, DC
Studies: Software Engineering, Artificial Intelligence, Human-Computer Interactions
- M.S., Computer Science (GPA 3.83), May 2008.
- B.S., Computer Science (GPA 3.86, *Summa Cum Laude*), May 2007.

Undergraduate Thesis: Inexpensive Questionnaire Suite

Program Description: A set of applications to create and tally paper multiple choice surveys.

Skills Utilized: JAVA, Internationalization, Image Analysis, Multiple Object-Oriented Design Patterns, Regression Testing, Eclipse, Bazaar, JUnit, iText, DOM4J, LOG4J.

Achievements and Activities

* Independently wrote 'Open WordSearch' for Android, over 1.9 Million games played per month (2009-2010).
* Service Award, GWU Computer Science Department (2007).
* 1st Place, IEEE Regional Ethics Competition (2006).

Knowledge, Skills, and Ablities

Languages: Javascript, CSS, JAVA, Python, SQL, HTML, HTML5, JSP, PHP, Bash, C, C++, LaTeX.
Tools: Eclipse, Subversion, BZR, Selenium, Jira, JUnit, Maven, ANT, VirtualBox, Make, Lex, Yacc.
Servers: Apache, MySQL, Jboss, Google App Engine, Google Code, Launchpad, Oracle.
Technologies: JSONP, AJAX, Rest, Hibernate, Struts, YUI, jQuery, Facebook Connect, Chrome Extensions.
Systems: Android (1.5-2.2), Linux (Gentoo, Red Hat, and Ubuntu), Windows (98/2000/XP/2003/VISTA/7).