

CHRISTOPHER J. LIEB

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OBJECTIVE

Entry-level, team-oriented software developer building innovative software applications.

EDUCATION

Worcester Polytechnic Institute, Worcester, MA

May 2011

Master of Science, Computer Science, GPA 3.67

Kettering University, Flint, MI

December 2008

Bachelors of Science, Computer Engineering & Computer Science, Cum Laude, GPA 3.69

EXPERIENCE

Developer (Contractor), Miss. Dept of Environmental Quality, Jackson, MS May 2010 – Aug 2010

- Designed and wrote a web application for generating large, complex reports for data stored by another application

Developer (Co-op), Mississippi Dept of Environmental Quality, Jackson, MS Oct 2006 – Aug 2009

- Designed and wrote a web application using the Apache Geronimo J2EE 1.4 server, the Apache Derby database, and Hibernate for conducting surveys at conferences
- Helped modernize, refactor, and extend a legacy J2EE 1.3 web application (Oracle database) used for permitting and reporting so that it would be more stable and easier to maintain and extend
- Set up and maintained group development servers (VMWare ESXi 4; Linux; Windows 2000 Server; Windows Server 2003 R2; IBM WebSphere Application Server 6.1; MediaWiki; Subversion; Mercurial; Bugzilla; Hudson; unified login for wiki, source control, bug tracker using LDAP)

Web Developer (Co-op), UPS, Hodgkins, IL

Apr 2005 - Jun 2006

- Created and maintained web applications written in Classic ASP 3 (VBScript) and ColdFusion 5 that used Microsoft SQL Server 2000 for their backend
- Created sort chart editor using AJAX and JSON for shift managers to use to create, edit, and print sort charts for manually sorting bulk and irregular packages
- Created class library in Visual Basic 6 to allow Classic ASP web applications to compile dynamically-generated LaTeX files into PDFs for displaying reports

ACADEMIC PROJECTS

- Led group for small team that built a client for the Word Steal game
- Wrote compiler for Dijkstra's Guarded Command Language, with first-order functions
- Wrote simple operating system that supports multiple, dynamic priority processes and various hardware devices
- Wrote interpreter for Scheme-like language with continuations, stop & copy garbage collector

HONORS AND AWARDS

Tau Beta Pi: The Engineering Honor Society

Upsilon Pi Epsilon: International Honor Society for the Computing and Information Disciplines

Eta Kappa Nu: Electrical and Computer Engineering Honor Society

Eagle Scout, Bronze Palm

TECHNICAL SKILLS

Languages: Java, (X)HTML, CSS, JavaScript, SQL, Python, bash, Regular Expressions, XML, Scheme, C, C#, PHP, Visual Basic 6, ColdFusion 5, Classic ASP 3 (VBScript), ASP.NET, 68HC12 Assembler

Tools: Visual Studio 2008, Eclipse, Maven 2, Ant, Subversion, Mercurial, Hibernate, log4j, JUnit

Operating Systems: Windows 7/Vista/XP, Linux (Gentoo), VMWare ESXi 4