Eric Fritz
Software Developer

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Programmer who is passionate about software seeks a position as a developer, overcoming challenging problems with creative solutions.

Skills

Extremely Proficient With

Languages	PHP, C#, Java, Python, SQL, JavaScript	OS	Windows, Ubuntu & Debian, OSX
Databases	MySQL, MsSQL, SQLite	Web	HTML, CSS, jQuery, AJAX
Frameworks	ASP.NET MVC3, Symfony2	Tools	Visual Studio, Eclipse, Git, Subversion

Have Experience With

Languages	C, C++, VB.NET, Scala, Ruby, Haskell	Tools	LaTeX, Apache, Mercurial
Databases	Redis, MongoDB, CouchDB, FlockDB		

Education

2001-present **MS, Computer Science**, *University of Wisconsin - Milwaukee*, Milwaukee, WI.
GPA: 4.0/4.0
Relevant Coursework:
- Discrete Mathematics
- Algorithm Design & Analysis
- Computer Architecture
- Operating Systems

2007-2011 **BFA, Film** - **Minor, Computer Science**, *University of Wisconsin - Milwaukee*, Milwaukee, WI.
GPA: 3.593/4.0
Honors: Cum Laude, Dean's Honor List, Senior Honors
Relevant Coursework:
- Data Structures
- Assembly and Machine Language Programming
- Programming Language Concepts

Experience

Career History

2008-2009, 2011 **Software Developer**, *ESDN, Inc.*, Janesville, WI.
Developed and maintained a customizable e-commerce platform for hundreds of jewelry retailers and brands. Maintained constant communication with designers, testers, and database developers to ensure quality work. Designed and implemented an application that managed 'collections' of jewelry products between brands. Redesigned and implemented a locations management application which provided highly-demanded features and a better UX than its predecessor. Implemented an e-marketing system for jewelry retailers.

Technologies used: C#, Java, SQL (MySQL and MsSQL), ASP.NET MVC3, LINQ to SQL, HTML, CSS, Javascript, jQuery, Subversion

2011 **Freelance Software Developer**, *EMM Holdings, LLC.*, Milwaukee, WI.
Worked with an accelerated startup. Implemented an administrative panel for organization and employee management. Conversion of raw PHP templates into hierarchal and reusable components using the Twig template engine. Preparatory work for migrating raw SQL queries into a separate model layer using the Doctrine2 SQL ORM.

Technologies used: PHP, SQL (MySQL), Twig, Doctrine2, HTML, CSS, Javascript, jQuery, Git

Teaching History

2011-2012 **Teaching Assistant**, *University of Wisconsin-Milwaukee*, Milwaukee, WI.
Prepared and presented new programming concepts and techniques. Conducted two laboratory sections for for CS201 - Computer Programming per semester. Evaluated and maintained grades for student homework, quizzes, and exams.