

CEAS Department
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ERIC FRITZ

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

Projects **Minuet** A PHP5 request-response framework that provides resource routing and a simple abstraction over the HTTP lifecycle. *Minuet* is meant to be a framework for building web APIs that are RESTful and self-documenting.

Couple A PHP5 library that transforms rigidly-defined plaintext documents, such as JSON or XML, into domain objects. *Couple* also provides validation of hydrated objects, as well as serialization.

Lunar Fever A prototype game 2D-rendering and physics engine built with Java and AWT.

Education **MS, Computer Science** (2011-present)

University of Wisconsin-Milwaukee

GPA: 4.0/4.0

Relevant Courses: CS535 - Algorithm Design & Analysis, CS537 - Operating Systems, CS458 - Computer Architecture, CS317 - Discrete Information Structures, MATH231/232 - Calculus I & II

BFA, Film (2007-2011)

University of Wisconsin-Milwaukee

GPA: 3.593/4.0

Relevant Courses: CS351 - Data Structures and Algorithms, CS431 - Programming Language Concepts, CS315 - Assembly Language Programming

Career History **Teaching Assistant for CS-201: Computer Programming** (2011-present)

University of Wisconsin-Milwaukee

Conducted two laboratory sections per semester, about 20 students each · Evaluated and maintained grades for student homework, quizzes, and exams · Prepared and presented new programming concepts and techniques.

Software Developer (2008-2009, 2011)

ESDN, Inc.

Languages: C#, Java, SQL, Javascript/jQuery, HTML5, CSS3

Technologies & Tools: ASP.NET MVC, Linq, Razor, MySQL, SVN

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 which 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.