

**PROFILE**

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**Computer Science major seeking a software engineering position.** Developed web applications, mobile device software, open source projects, and unit tests. Offering a variety of strong internship and project experiences encompassing project management, software development, and client communication.

- Willingness and desire to independently learn new languages and technologies quickly
- Ability to use a wide assortment of programming languages (imperative, scripting, functional) and platforms (Windows, Linux, Mac)
- Read, write, speak basic to intermediate French

**EDUCATION**

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MARQUETTE UNIVERSITY, Milwaukee, WI

**Honors Bachelor of Science Degree in Computer Science, May 2009**

GPA: 3.96/4.0; Major: 4.0/4.0

**RESEARCH AND PROJECTS**

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**TibiaAPI Open Source Project****Oct 2007–Present***Manager/Developer*

- Implemented the open source API in C# .NET for use by a community of developers
- Steered development of the project and managed a group of 5 to 10 programmers
- Programmed a network proxy, wrote maintainable code, and created modular applications

**Marquette University Ubicomp Lab****Dec 2006 – Present**

- Researched and developed mobile and wireless applications for the iPhone and Windows Mobile devices using sensor nodes, RFID, and working with privacy and security constraints
- Published a paper on wireless sleep monitoring, constructed a working demo, and contributed to and published another on cancer patient monitoring

**RELATED EXPERIENCE**

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**Corporate Technology Solutions, Inc., West Allis, WI****May 2008–Aug 2008***Intern*

- Designed and developed a corporate lease management system in Visual Basic, ASP.NET and SQL for a major financial services corporation while working with clients and another engineer
- Used software layers to encapsulate and abstract sections of the application
- Developed unit tests for a multi-part client/server/web application

**Hyde Systems, Milwaukee, WI****June–Dec 2007***Web Developer*

- Collaborated with a back-end developer to build a prototype of a web-based inventory system
- Created a project workflow and designed an XML schema with XSLT translations
- Coded an interactive user interface mockup focusing on the needs of the client

**Self-Employed Web Designer****April 2006–Present**

- Develop practical and usable web presences for local businesses
- Adept at using valid XHTML and CSS to create optimized, accessible, and cross-browser compatible designs while incorporating PHP and Javascript (including AJAX) to provide user interactivity

**Volunteer at The Ave****Sep 2006–May 2007**

- Setup projectors and screens for weekly meetings and managed the computer during presentations

**HONORS**

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CRA Honorable Mention, Alpha Sigma Nu, UPE, National Merit Scholar, Wisconsin State Scholar