

Brian J. Martinson

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Objective

I am seeking an entry-level software engineering/development position at an established software development (or comparable) company. I am passionate about almost all aspects of developing business based/productivity style software and have an interest in designing, developing, and implementing graphical user interfaces.

Education

University of Wisconsin-Madison

Bachelor of Science Degree, Computer Science

Expected May 2012

3.139 Cumulative GPA

3.337 Computer Science GPA

(See relevant coursework at the end of the resume)

Member of the Lambda chapter of Tau Kappa Epsilon fraternity and served as one of nine executive officers in 2011.

Skills

Languages: Java, C/C++, VB6, VB .NET, ASP .NET, PHP, HTML/CSS

Operating Systems: Apple OS X, Windows XP/Vista/7, and Linux (Ubuntu/Xubuntu/Red Hat/DSL).

Application & Tools: Eclipse, Visual Studio, Java WebStart, Dreamweaver, Photoshop, and Illustrator.

Database Technologies: Relational DBMS (MySQL, SQL, and PostgreSQL).

Work Experience

McArdle Laboratory for Cancer Research

Software Engineering & Admin Assistant (Pt. Time)

Madison, WI

July 2008 - Present

- Designed, developed, and implemented a proprietary database management and shopping system to easily manage and monitor an inventory stockroom, in Java, for a cancer research laboratory facility.
 - Tested skills in software design and agile software development practices by creating a software solution to replace a paper & pen accounting system.
 - Developed a dedicated server application for storing data & generating reports.
 - Developed a client application for manipulating data and interfacing users with the server back-end, deployed via Java WebStart.
 - Included multi-threading, network sockets, encryption, FTP compatibility, and Swing UI development.
- System maintenance.

Schematical LLC
Developer

Madison, WI
April 2011 - Present

- Key member in starting the company.
- Product development, documentation, and Facebook application development using the Schematical framework: a service platform that allows businesses and individuals to develop and deploy Facebook applications easily using Amazon EC2 cloud servers.
- Communicated directly with large-brand clients to carry out product requests.
 - Abercrombie & Kent Travel Agency (<http://www.abercrombiekent.com/>)
 - Developed and helped implement a 3-phase Facebook application for a photo contest that helped Abercrombie & Kent increase their advertising statistics.
 - Improved their 8 “Likes” per day to >1000 new “Likes” per day.
 - Increased their “Facebook Reach” from 182,000 users to 1.4 million users.
 - People “Talking About” their Facebook page increased from 500 to 4,500 people.
 - Chess.com (<http://www.chess.com/>)
 - Helped implement a new web redesign and performed i18n internationalization.
 - Company has worked with Vanity Fair, Subway, Kalahari, Wrangler Jeans, etc. as well.
- Web design and development using PHP, HTML, CSS, & JavaScript.

Freelance Web & Graphic Design

2003 - 2012

- Web and graphic designs for paid and voluntary projects.
 - Small Molecule Screening & Synthesis Facility – UW-Madison (<http://hts.wisc.edu/>)
 - Wisconsin Performance Volleyball Club (<http://www.brianmartinson.com/wiperformance/>)
 - Tau Kappa Epsilon (Lambda Chapter): (<http://www.uwtke.com/>)
 - Fully custom CMS version in development. (<http://www.brianmartinson.com/tkdev/>)
 - My Portfolio (<http://www.brianmartinson.com/>)
 - Spartan Clubhouse (<http://www.brianmartinson.com/clubhouse/>)

Madison Metro Baseball
Instructor (1 week/summer)

Madison, WI Area
June 2008 - 2011

- Baseball instructor for 11-12 year old baseball players at a weeklong baseball training camp each June.

West Madison Little League
Youth Baseball Umpire (Pt. Time)

Summer 2004 - 2007

- Umpired youth baseball for a local Little League baseball league every summer from 2004 to 2007.

CS & Math Courses at UW-Madison

MAT221 – Calc & Analytic Geometry Pt. 1 (B)
MAT222 – Calc & Analytic Geometry Pt. 2 (C)
MAT331 – Probability & Markov Modeling (BC)
MAT340 – Elem Matrix & Linear Algebra (B)
CS240 – Discrete Mathematics (B)
CS252 – Intro to Computer Engineering (A)
CS352 – Digital System Fundamentals (B)
CS354 – Machine Organization & Programming (AB)
CS367 – Data Structures (A)
CS371 – Computer-Based Business Systems (A)
CS407 – Foundations of Mobile Systems & Applications *
CS536 – Programming Languages & Compilers (B)
CS537 – Intro to Operating Systems (AB)
CS540 – Intro to Artificial Intelligence (B)
CS559 – Computer Graphics (A)
CS564 – Database System Management (BC)
CS577 – Intro to Algorithms (B)

Classes with an asterisk () next to them, I am currently taking.*