Jake Trotman

117 N. Bedford Street, Madison, WI 53703 | (612) 723-6536 | trotman@wisc.edu | ID: 9065799158
Website: pages.cs.wisc.edu/~trotman

Objective

I am looking for a full time software development/engineering position.

Education

UNIVERSITY OF WISCONSIN-MADISON | EXPECTED GRADUATION: MAY 2016 | GPA: 3.01/4.00

- B.S. Computer Sciences
- B.S. Mechanical Engineering
- Related Computer Sciences coursework:
  - Data Structures, Digital System Fundamentals, Machine Organization and Programming, Introduction to Artificial Intelligence, Computational Photography, Introduction to Operating Systems

Skills & Abilities

PROGRAMMING LANGUAGES

- C, C#, CSS, HTML, Java, JavaScript, MATLAB, PHP, Python, SCSS, SQL, VBA

TOOLS AND TECHNOLOGIES

- ASP.NET, Azure, Bootstrap, Chrome dev tools, Django, Eclipse, ELMAH, Entity Framework, Foundation by Zurb, GDB, Git, HTTP, IIS, jQuery, Linux, MVC, MySQL Workbench, Sitecore CMS, SQL Server Management Studio, Team Foundation Server, Vim, Visual Studio, Windows

RELEVANT PROJECTS

- Please see my personal website for a comprehensive list: pages.cs.wisc.edu/~trotman

ACTIVITIES

- ASME (American Society of Mechanical Engineers): UW-Madison Chapter
  - General Member: 2011-Present, Webmaster Chair: 2012-2014, Design Team Member 2012-2015, Conference Committee Technology Chair 2014
- Student Machine Shop Certified with Welding and 3D printing upgrades

Experience

WEB DEVELOPER | WISCONSIN SCHOOL OF BUSINESS | MARCH 2013-PRESENT

- Developing web applications for various departments within the school
- Working with a team of developers and designers using agile development methodologies
- Creating Sitecore CMS widgets that content contributors use to display information
- Web application development primarily using Microsoft Stack: ASP.NET, Entity Framework, MSSQL, MVC, Visual Studio, Windows Server, IIS

MECHANICAL ENGINEERING CO-OP | KIMBERLY-CLARK CORPORATION | MAY 2015-DECEMBER 2015

- Found practical solutions to problems on manufacturing lines using mechanical engineering knowledge
- Balanced and prioritized multiple ongoing projects
- Designed machine components and parts with LEAN principles
- Communicated with specialized personnel and machine operators to better solve problems on manufacturing lines