Tyler Morrow

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Education	Missouri University of Science and Technology in Rolla, MO	**Graduated:** May 2014
	Major: Computer Science (B.S.)	**GPA:** 3.2/4.0

Relevant Courses: C++, Java, Databases, Computer Vision, Operating Systems, Software Engineering, Network Communication, Digital Forensics, Security Management & Operations, Calculus I/II

Skills

C#/C++/C	HTML5/CSS3	ASP.NET MVC, WPF, LINQ	Visual Studio
SQL	SSIS/SSRS	Technical Communication	Java

Experience

ArcelorMittal USA   Burns Harbor, IN

Process Automation Internship   Jun-Aug 2013

- Designed and implemented eight unique WPF (MVVM) applications that enable production line operators to see and interact with information pertaining to the production of steel.
- Designed and implemented a production delay tracking system that utilizes a normalize database and integrates into existing WPF applications currently in use.

Associated Electric Cooperative Inc.   Springfield, MO

Programming Co-Op   Jan-Aug 2012

- Designed an ASP.NET MVC web application to replace an existing website using agile practices
- Front-end (HTML5/CSS3/JQuery) & back-end (C#) programming; over 50 unit tests
- Designed numerous C# console applications for data mining CSV files
- Debugged and performed black box testing on proprietary .NET software
- Provided solutions to Accounting & Finance in the form of SQL Reports

Programming Internship   Jun-Aug 2011

- Built task management solution for power plant maintenance crews
- Designed an SQL database and the C# and SSIS processes that interact with it

Missouri S&T ResLife Department   Rolla, MO

Residential Assistantship   Aug 2010 - May 2011

- Created opportunities for a positive living environment with educational programs for residents

Missouri S&T Computer Science Department   Rolla, MO

Student Worker   Aug 2009 - Present

- Assisted Faculty and Staff with administrative tasks
- Provided feedback on C++ assignments and class website to Teaching Professor

Stuart Maue Ltd. (Legal Auditing Firm)   Saint Louis, MO

Information Technology Internship   Jun-Aug 2009, Jun-Aug 2010

- PC, server, and network maintenance. Coordinated asset management and issue tracking projects

Activities

Mars Rover Design Team: **Base Station Lead; Autonomous Operations**
- Provided a graphical user interface that manages all data between the control systems and rover
    - Completed in under four weeks at the end of the semester with minimal prior knowledge
- Implemented full MVVM architecture for WPF, as well as asynchronous network protocols & serial devices
- Communicated closely with other team members to integrate the product with other low-level systems

Delta Sigma Phi Fraternity: **Director of Recruitment; Web Master**

Learning Enhancement Across Disciplines: **Peer Learning Assistant**