

Ian Brown i.mayo.brown@gmail.com | <https://imayobrown.github.io>

Profile

I am a software developer/engineer currently focused on building scalable network applications. I enjoy learning new software technologies with the aim of using them to solve interesting problems. I am productive in both individual and team-based environments and have design, development and implementation experience on multiple projects.

Skills

Languages – Python, JavaScript, C/C++, C#/.Net, HTML/CSS, Java, SQL, NI LabVIEW

Frameworks/Extensions – Django, DjangoRestFramework, Backbone.js, jQuery, Require.js

Tools/Platforms – Git, SVN, Eclipse, Visual Studio, MySQL, MySQL Workbench, SQLite, Node.js, iPython, Linux(Ubuntu), Windows

Other – unit testing, REST API, JSON, AJAX

Employment Experience

Software Engineer | Communications and Power Industries | September 2012 – Present

- Designed, developed, and maintained site wide system to test units and collect data.
- Designed, developed, and launched single page web application and supporting backend to save, retrieve, view, analyze, and distribute cataloged data.
- Developed and maintained, through international travel, embedded software for customer control of RF transmitter systems.
- Designed and implemented GUI's for touch panel control.

Education

Georgia Institute of Technology

January 2015 – Present | M.S. Computer Science | GPA: 4.0

University of Massachusetts, Amherst

September 2008 – May 2012 | B.S. Physics/Mathematics | GPA: 3.8

- Member of the University Commonwealth Honors College

Research Experience

Research Assistant

September 2010 – June 2012 | University of Massachusetts, Amherst | Tuominen Group

- Conducted experiments probing the characteristics of the Kosterlitz-Thouless transition in two-dimensional superconducting films of aluminum for undergraduate honors thesis.

Summer Research Internship | University of Massachusetts, Amherst | Tuominen Group
June 2011 – September 2011

- Continued research on the Kosterlitz-Thouless transition in two-dimensional superconducting films.