

MICHAEL MEDING

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EDUCATION

University of Massachusetts Lowell

May 2015

B.S. in Computer Science

Massachusetts Bay Community College

December 2013

A.S. in Computer Science

EXPERIENCE

Outsmart Power Systems

August 2011 - Present

Developer

Natick, MA

- Programmed large existing enterprise web application from PHP and Java SE to Java EE 7 using EJB3 and RESTful web services.
- Designed and coded a front end content management system for maintaining data relating to specific customer configurations. This included responsive web design elements for both mobile and desktop web applications using jQuery and Twitter Bootstrap.
- Responsible for the deployment of the above web application to respective app and web servers.
- Documented all projects and experiments using \LaTeX .
- Responsible for testing many services using full jUnit 4 test suite.

Rack Attack Inc.

May 2010 - June 2011

Mechanic and Clerk

Framingham, MA

- Mechanic and store front clerk at a shop that sells and installs trailer hitches.

RELEVANT WORK

NLP Twitter Bullying Project

Sept 2014 - Current

A machine learning and data mining project that learns from a corpus of compiled tweets from Twitter to discover bullies who use social media

Arduino ODB2 Protocol Tool

Sept 2013 - Current

A K-line protocol engine diagnostic and logging tool which I have been developing in my spare time using an Arduino and an ECU simulator

TECHNICAL STRENGTHS

Computer Languages

Java 7 & 8, Java EE 7, JavaScript, HTML 5, C, C++, Scheme,
Linux Bash, Assembly, Python 2 & 3, Misc. Firmware C code, \LaTeX
XML, JSON, REST, AJAX, jQuery, CSS3, EJB3, JMS, jUnit 3 & 4

Protocols & APIs

Databases

MySQL, Derby

Tools

SVN, Git, Vim, Netbeans, VisualVM

Platforms

Ubuntu (Since Ver 7.04), LinuxMint, CentOS (Since Ver 5.8), Fedora,
Mac OSX , and of course Windows