

MICHAEL MEDING

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EDUCATION

University of Massachusetts Lowell M.S. in Computer Science	<i>May 2016</i>
University of Massachusetts Lowell B.S. in Computer Science	<i>May 2015</i>
Massachusetts Bay Community College A.S. in Computer Science	<i>December 2013</i>

EXPERIENCE

Outsmart Power Systems <i>Developer</i>	August 2011 - Present <i>Natick, MA</i>
<ul style="list-style-type: none">· 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 L^AT_EX.· Responsible for testing many services using full jUnit 4 test suite.	
Rack Attack Inc. <i>Mechanic and Clerk</i>	May 2010 - June 2011 <i>Framingham, MA</i>
<ul style="list-style-type: none">· Mechanic and store front clerk at a shop that sells and installs trailer hitches.	

RELEVANT WORK

NLP Twitter Bullying Project A machine learning and data mining project that learns from a corpus of compiled tweets from Twitter to discover bullies who use social media	<i>Sept 2014 - Current</i>
Arduino ODB2 Protocol Tool 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	<i>Sept 2013 - Current</i>

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, L ^A T _E X
Protocols & APIs	XML, JSON, REST, AJAX, jQuery, CSS3, EJB3, JMS, jUnit 3 & 4
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