

Cameron Wheeler

me@cwheeler.com •  Github cwheel • cwheeler.me

Education **Computer Science B.S.** • Fall 2014 - Spring 2017 • GPA 3.7
University of Massachusetts Amherst

Technical Skills **Programming Experience**
JavaScript (M.E.A.N Stack • jQuery), Java, Python, Objective-C, C#, MySQL, PHP, CSS3, HTML5, Perl

Hardware Skills
Arduino, Raspberry Pi, Intel Edison, 3D Printing (Repetier), switch and router (OpenWRT) configuration

Systems Administration
[Linux](#) • Apache2, Nginx, Bind9, ISC-DHCP, Dovecot, Postfix, Samba, Squid and access management
[Windows](#) • DISM and WIM creation, Dell Kace 2000 administration, Active Directory
[Hypervisors](#) • XenServer, VMWare ESXi, HyperV, Proxmox

Awards **HackUMass Finalist** • Major League Hacking • HackUMass II • Spring 2015 - WiZer
HackRPI Finalist • Major League Hacking • HackRPI • Fall 2015 - imccelerate
Best Use of Fitbit API • Fitbit • HackUMass III • Fall 2015 - Familee
Dean's List Honors • All semesters

Work History **Student Developer • IT at Amherst, Amherst MA** • Fall 2014 - Present
Hired as a Student Technical Consultant and quickly moved into a Junior Systems Administrator role where I gained additional responsibility. I was then promoted to my current position a Student Developer for the Enterprise Services division of IT. At Enterprise Services, I work with a team building web based network infrastructure management tools in Javascript, Perl and Python. I also manage a custom Linux distribution for machine diagnostics.

Instructor • College Academy, Easton MA • Summer 2013 - 2015
As an instructor at College Academy, I developed and taught educational and entertaining lessons for four classes per day in either website design or basic computer skills. Students ranged in age from kindergarten to eighth grade.

Projects **imccelerate** • HackRPI • M.E.A.N with Microsoft Azure and Oxford
An image acceleration middleware to dramatically lower bandwidth usage and load time for images. Imccelerate composes images to fit perfectly on each device and stores them in memory for fast access. Imccelerate also supports dynamic CDN offloading of images to Microsoft Azure and perfect face cropping with Microsoft Oxford.

Familee • HackUMass III • M.E.A.N with Fitbit API
A wellness system for family members and caregivers to be proactive in the health of a loved one. Familee aggregates health data from the Fitbit API and keeps family members up-to date with beautiful graphs and SMS alerts.

WiZer • HackUMass II • M.E.A.N, Python and a bit of Bash
A wireless analytics and insights tool built for HackUMass. WiZer aggregates wireless data from low power, easily deployable nodes and displays analytics in a beautiful web UI. WiZer was selected as one of the finalist projects at HackUMass II during my freshman year.

High School • 2011 - 2014
• **Ski Trip** (Freshman) - A project to learn Apple's Core Data by maintaining user skiing information. Was one of the first apps accepted into the Mac App Store, during which time it made it into the Top Free section.
• **RSM** (Junior) - Really Simple Multi-Player, a simple Java library for multiplayer, used to learn Java sockets and SSL.
• **FishTank** (Senior) - A modular Python based fish tank control system with a web UI for an independent study in IT.