

Cameron Wheeler

 Github [cwheel](#) • [cwheeler.me](#)

Education **Computer Science B.S.** • Fall 2014 - Spring 2017 • GPA 3.73
University of Massachusetts Amherst

Technical Skills **Programming Experience**
JavaScript (Angular • React • Node • Ember • jQuery), CSS3, HTML5, Java, Python, Objective-C, Mongo, MySQL

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
[Windows](#) • DISM and WIM creation, Dell Kace 2000 administration

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 **Engineering Intern • Salsify, Boston MA** • May 2016 - August 2016
As an Engineering Intern at Salsify I worked on the core Ember and Rails application for product content management. In particular, I focused on improving the product catalog subsystem and worked heavily on the Ember front-end.

Developer • Vinolytics, Boston MA • April 2016 - Present
As the primary developer for the Vinolytics project (a fine wine and cellar management platform), I am tasked with building and designing the front end, backend and establishing a scalable system architecture.

Student Developer • IT Enterprise Services, Amherst MA • Fall 2014 - Present
At Enterprise Services, I work with a team building web based network infrastructure management tools in Javascript and Python. I also manage a custom Linux distribution for machine diagnostics in the universities Help Center.

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

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 service which aggregates wireless data from low power, modular nodes and displays metrics in a beautiful web interface. WiZer was selected as a finalist project at HackUMass II during my freshman year.