

James Sullivan

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Work Experience

Vinolytics ■ Jul. 2016 - Current

Software Contractor

- Tasked with feature implementation for their asset management application written in React and NodeJS.
- Collaborated across the organization to create solutions in a remote environment.
- Set up a continuous integration platform and researched testing tools and strategies for the company to implement.

TripAdvisor ■ Jun. 2016 - Aug. 2016

Software Engineering Intern

- Assigned to their Android application and desktop web site as part of their engagement team.
- Worked on a variety of projects, which required me to learn new skills quickly.
- Exercised my communication skills speaking to various development teams across the organization.

College Academy ■ Apr. 2013 - Aug. 2015

Java Instructor

- Taught 4th to 8th grade students how to program in Java, along with computer graphics and web design using Adobe Photoshop, InDesign, and Dreamweaver
- Created a syllabus for my class that would engage students in the course material.

UMass Amherst: IT ■ Sept. 2014 - Dec. 2015

Computer Classrooms Manager

- Helped full time staff resolve our client's technical issues.
- Monitored colleagues to ensure they are performing their assigned tasks and responsibilities by giving constructive criticism, positive feedback, and performing evaluations.

Awards

HackUmass II ■ Finalist

HackUmass III ■ Best Use of the FitBit API

HackRPI 2015 ■ Finalist

Boy Scouts of America ■ Eagle Scout

Projects

Sprox

An Alternative User Interface for Spire (UMass's SIS)

- Learned web crawling techniques to acquire data from a source with no public API.
- Created a single page application using AngularJS and NodeJS.

Immcelerate

An image optimizer personalized for each device.

- Scales images using ImageMagick so that they are a size suitable for the client device (mobile, 4k TV and future devices)
- Enabled the ability to offload images to Microsoft Azure to lower server load.

WiZer

A Scalable WiFi Analytics Tool

- Programmed Intel Edisons to make deployable wireless analyzers that would alert you to interference in your wireless network, logging to a central server.
- Won a finalist award at HackUmass II, my first Hackathon as a Freshman.

Education

University of Massachusetts: Amherst ■ 2014 - 2017

Computer Science ■ Software Engineering

GPA: 3.76 ■ Dean's List for 5 Semesters

Skills

Java



Android



JavaScript



AngularJS



NodeJS



React



HTML



CSS



SCSS



Python

