

## Education

Rensselaer Polytechnic Institute | Bachelor of Science, Computer Science | Troy, NY

Fall 2014 - Spring 2018

- Cumulative GPA: 3.45/4.00
- Relevant coursework: Interactive Visualization, Network Programming, Art & Code & Interactivity, and Database Systems.

## Work Experience

Troy Shirt Co. | Web Developer Intern | Troy, NY

November 2017 - March 2018

- Creating AngularJS/NodeJS order fulfillment tools, including a shipping label editor and a dashboard for tracking orders across different online storefronts.

AT&T | Applications Developer Intern | Bothell, WA

June - August 2017

- Prototyped CSS animations on the device recommender page for frontend overhaul of [att.com](http://att.com).
- Placed 2<sup>nd</sup> overall in Intern Coding Challenge to build a company messenger chatbot that reduces time performing simple business tasks, and within top 5 for Best Code, Best Pitch, and Best Video.
  - Served as Scrum master, set up NodeJS boilerplate code, created MongoDB database and API for user information, and presented sales pitch.

Capital Region Otolaryngology | Web Developer | Troy, NY

January - May 2017

- Designed and implemented a public-facing homepage and logo for an ear, neck, and throat medical practice.

3M Health Information Systems | Software Engineering Intern | North Greenbush, NY

May - August 2016

- Collaborated on intern Scrum team to design and develop Elasticsearch Nexus, an employee-facing dashboard web application which displays visualizations of process log data.
- Created user interfaces to perform create, read, update, and delete functionality on users and visualizations using an internal AngularJS framework.

Autotask Corporation | Software Development Intern | East Greenbush, NY

June - August 2015

- Refactored JavaScript and C# code with Gulp.js for an IT business management ASP.NET software as a service in accordance with corporate style guides.

## Projects

Computer Graphics | Lune

Fall 2017

- Developed a ThreeJS webpage that displays a model of the Moon in stereoscopic 3D on Google Cardboard.

HackRPI | Chicken Co-Op

Fall 2017

- Won Best Game for an Angular desktop-mobile party game, consisting of a series of cooperative microgames.
- Organized the microgame architecture, designed the user interface, and wrote a NodeJS script to allow communication between an Arduino and Firebase.

Rensselaer Center for Open Source | Shuttle Signups

Spring 2017

- Built upon the front-end of a real-time MEAN stack registration portal for RPI community members and guests to sign up for special shuttles.

Web Science Systems Development | Menuoso

Spring 2017

- Created a MEAN stack web application to generate digital menus that are easy to edit, arrange, and style.

HackRPI | HackaMatch

November 2016

- Designed and built W3.CSS frontend for a website that enables hackathon participants to build groups based on skill matchups.

## Extracurricular Activities

Tau Epsilon Phi Fraternity, Epsilon Iota Chapter

Spring 2015 - Present

- House Computing Chairman
  - Rebuilt chapter website and regularly published relevant recruitment event information.
  - Constructing d3.js visual representation of chapter lineage.

• Chaplain

Fall 2016 - Present

- Awarded Fall 2016 Chairman of the Semester for budgeting and organizing event materials for brotherhood dinners.

• Rush Marketing Chairman

Fall 2016 - Present

- Designed extensible and minimalistic graphics for rush calendars and T-shirts.

Eagle Scout

November 2013

## Skills

Programming languages: JavaScript, Python, C, C++, Java, PHP, SQL  
Markup: HTML (Pug), CSS (SCSS, SASS, Less), Markdown, Liquid, LaTeX  
Programming practices: Agile (Scrum) development, Git, Apache Subversion  
Web frameworks and APIs: Angular, AngularJS, jQuery, Jekyll, Django  
Graphic design: Adobe Photoshop, Illustrator CS6  
Languages: Proficient in Spanish, familiar with Mandarin Chinese

## Academic Honors

Dean's List of Distinguished Students      Fall 2014 - Present  
Rensselaer Leadership Award      Fall 2014 - Spring 2018