

## ● EDUCATION

### ● Rensselaer Polytechnic Institute

Troy, NY

**Bachelor of Science** - expected May 2019

**Major:** Information Technology and Web Science,  
Concentration in Human Computer Interaction

**Minor:** Computer Science

**GPA:** 3.82, Dean's Honor List Fall 2015 - Spring 2018

#### Relevant Coursework:

Web Systems Development I & II, Database Systems, Foundations of HCI Usability, Managing IT Resources, Intro to Algorithms, ITWS Capstone, Typography for Web, Computer Organization, Discrete Math, Information Design

## ● WORK EXPERIENCE

### ● Undergraduate Programming Mentor at Rensselaer Polytechnic Institute

Troy, NY - January 2017 - Present

Mentored the Computer Science I class by assisting students with completing lab assignments, grading exams, and educating students on the fundamentals of programming and Python 3.

### ● Digital Technology Intern at GE Digital

Boston, MA - Summer 2018

Used AngularJS and D3.js to create dynamically updating tiles that display data received from factory assets (water pumps, valves, etc.). Wrote automated UI tests, worked with both UX and product teams to create acceptance criteria, gave demonstrations to global teams, and advised other interns on front-end development best practices. Worked on a full-time team that utilized the Agile Scrum methodology.

### ● Technology Development Intern at Optum, a UnitedHealth Group Company

Boston, MA - Summer 2017

Worked on an Agile team of nine interns to completely overhaul the user interface and user experience of an existing application. Used AngularJS, d3.js, and Tableau to create a data visualization dashboard for claims reports. Presented bi-weekly to senior staff about our progress and challenges.

### ● Graphic Design Intern at AARYAH

New York, NY - Summer 2016

Designed and sent out weekly mailers to email subscribers, re-designed the company's blog layout, managed the company's e-commerce site on Shopify, and created a brand guideline at the end of the summer.

## ● PROJECTS

### ● MoCoin

Generalized and customizable transaction processing system that verifies transactions on the Ethereum blockchain and notifies the distribution system upon validation. Used AngularJS to implement a comprehensive user interface for the ICO of a placeholder cryptocurrency called MoCoin, as a proof of concept for back-end functionality.

### ● Uncle Sam's Health Foods Administrative Portal

Administrative dashboard for health foods store that included website and customer analytics, spam control, email subscriber sign-up, and embedded mass email/mass text message functionality. Worked as the lead front-end developer and created a comprehensive business solution with the team.

### ● Pipeline

Open-source content management software platform for *The Polytechnic* newspaper. Serves as an archival database as well as a platform to view and edit current stories as they go through the copy process. Created high-fidelity mock-ups and used them to implement a fully overhauled user interface.

## ● LEADERSHIP

### ● President of Information Technology Honor Society, Gamma Nu Eta

May 2018 - Present

Responsibilities include organizing a recruiting event attended by approximately 100 students and 30 recruiters, leading bi-weekly meetings, organizing career and academic focused workshops for ITWS students, and an induction ceremony.

### ● Composing Editor, *The Polytechnic*

January 2016 - January 2018

Managed overall layout of weekly-printed school newspaper. Designed ads for companies who wanted to advertise with the paper and made executive decisions about each section's layout.

### ● Peer Mentor, ITWS Department

August 2018 - Present

## ● SKILLS & LANGUAGES

### ● Web and Programming:

JavaScript, AngularJS, Python, HTML, CSS, PHP, SQL, C++, jQuery, Bootstrap, D3.js, Selenium and Protractor for testing

### ● Misc. Software and Tools:

Adobe Creative Cloud (Photoshop, Illustrator, InDesign, XD), Git, LaTeX, Tableau, Microsoft Office

### ● Proficient in Spanish