

# Stefan Marchhart

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## Education

Rochester Institute of Technology

- Bachelors of Science in Software Engineering 2020
- Member of Honors program at RIT
- Dual Minors in Web Development and Computing Security
- GPA – 3.4
- Dean’s List

## Work Experience

**Software Engineer** | Fujifilm NA | *West Henrietta, NY* | August 2017 – December 2017

Worked on Fujifilm’s kiosk team. My work was divided evenly between huge expansions to the kiosk’s analytics reporting system, and minor changes to the embedded JS apps contained within the main application, which were responsible for image and product adjustments.

**Principle Software Developer** | Nanometer Lighting | *Maspeth, NY* | June 2017 – August 2017

I established a temporary network and designed and programmed light shows for New York's City’s new Kosciuszko Bridge at the request of the Governor’s office and the Department of Transportation. I also revamped the companies outdated product page, adding a product database along with a corresponding product ID generator and selector.

**Contract Web Development** | BoycottPal | *Upwork* | January 2017 – February 2017

Designed and developed a website for a client. Users of the site can create accounts, track people and places they've boycotted, vote on polls, and talk to other users. The project took about a month to complete, and the client is billed monthly for support and hosting costs. (Views expressed on the site are not my own.)

**Full Stack Development** | Kassen Company | *Palo Alto, CA* | June 2016 – August 2016

Did full-stack development work for Kassen Co, a YCombinator funded startup that created a lab information management system for medical Marijuana testing laboratories.

**SysAdmin of Honors CS Lab** | Rochester Institute of Technology | *Rochester, NY* | September 2015 - May 2017

Ran and managed the CS lab for honors students. I maintained the network and computers and handled support requests. I also handled the migration of the lab and network across campus.

## Projects

- ❖ Dining Services
  - Scrapes school dining transaction data and graphs it using C3.
- ❖ Cat Facts
  - Uses the Twilio API to spam a friend’s phone with cat facts.
- ❖ HueVisualizer
  - A project built over 24 hours at a hackathon. Visualizes music from Spotify or Pandora on Philips Hue smart lights.
- ❖ Door Opener
  - A side project that lets my roommate and I open our garage door through text or web requests using a Flask server hosted on a raspberry pi hooked up to the garage door.

## Skills

- ❖ Languages
  - Python, Javascript, HTML5, CSS, PHP, Java, C, C#, Ruby
- ❖ Web Technologies
  - SASS/LESS, Flask, C3, AngularJS, Django, AWS, Heroku, ReactJS, SQLAlchemy, NodeJS
- ❖ Other
  - Network Design and Administration, Database Design, Integrated Systems Development, Soldering

## Extracurricular Activities

- Trainee at RIT Ambulance
- Member of Women in Computing Allies program
- Member of RC3 (Competitive Cyber Security Club at RIT)
- Seaperch Naval Engineering Competition
- Volunteer at Habitat for Humanity's ReStore