Stefan Marchhart

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Education

Rochester Institute of Technology

- ➤ Bachelor 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

Extracurricular Activities

- ➤ Driver at RIT Collegiate EMS
- ➤ 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

Work Experience

Full Stack Engineer| Datto | *Rochester, NY* | June 2018 –August 2018
Worked on Datto's web portal team. Joined their bi-weekly sprints, and took on the same role as full time coworkers. Built, tested and presented a wide assortment of features and bug fixes, and led a small team within the company on a side project.

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
Established a temporary network and designed and programmed light shows for New York City's new Kosciuszko Bridge at the request of the Governor's office and the Department of Transportation. I also revamped the company's outdated product page, adding a product database along with a corresponding product ID generator and selector.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
Did full-stack development work for Kassen Co., a YCombinator funded startup that created a lab information management system for medical marijuana testing laboratories. Most of my work was developing improvements to report generation across multiple platforms.

Full Stack Engineer | 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. Most of the work done was improvements to report generation across multiple platforms.

SysAdmin of Honors CS Lab | Rochester Institute of Technology | *Rochester, NY* | September 2015 - December 2018
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

- ❖ FoodTrax
  - ➢ A project I spearheaded with a bunch of my fellow interns. The site allows people to find their favorite food trucks in real time using standalone GPS trackers or a mobile app. We were even looking into incorporation, but
- ❖ 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.
- ❖ Standardized Light API
  - ➢ The goal of this project was to create a standard API for Philips Hue, LIFX, and Nanoleaf Lights in my apartment. As they all have their own REST API, it was easy enough to create a web server that could act as an intermediary to all 3 APIs.

Skills

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