

# STEFAN MARCHHART

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I'm a fifth year Software Engineering major at Rochester Institute of Technology. In addition to a BS in Software Engineering, I am minoring in Web Design & Development and Computing Security. I have years of experience in full-stack development, and I'm currently leading the relaunch of a political polling startup as I take my last year of classes.

## Skills

### LANGUAGES

Python

Javascript

Ruby

HTML/CSS

PHP

C#

Java

C

### WEB TECHNOLOGIES

React/Redux

Symfony

AngularJS

SASS/LESS

Amplify

Flask

SQLAlchemy

Node

Lambda

DynamoDB

Serverless

### OTHER

Network Design and Administration

Database Design

Integrated Systems Development

Soldering

Devops

Version Control

Leadership

## Activities

Driver at RIT Collegiate EMS

Member of Women in Computing Allies program

Seaperch Naval Engineering Competition

Volunteer at Habitat for Humanity's ReStore

## Education

### Rochester Institute of Technology

B.S Software Engineering 2020

Minoring in Web Development and Computing Security

RIT Honors Student

GPA - 3.4

Aug. 2015 to May 2020

## Employment

### icitizen

Chief Technology Officer

Rochester, NY

June 2019 to Current

I joined the icitizen team as an engineer, and within a couple of months was effectively leading the product relaunch. I'm responsible for most major technical decisions, lead a small team, and have intimate knowledge of our product.

**Skills:** Lambda - Python - Javascript - HTML/CSS - DynamoDB - Serverless - Amplify - React - SASS

### Datto

Software Engineer Intern

Rochester, NY

June 2018 to Aug. 2018

I worked on Datto's customer-facing portal team. I quickly joined their bi-weekly sprints, and took on the same role as my co-workers. I built, tested and presented a wide assortment of features and bug fixes, and led a small team within the company on a side project.

**Skills:** PHP - Javascript - HTML / CSS - Symfony - PDO - Doctrine

### Fujifilm North America

Software Engineer Intern

Rochester, NY

Aug. 2017 to Dec. 2017

I 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.

**Skills:** C# - Javascript - HTML / CSS - Embedded Systems

### Nanometer Lighting

Lead Software Developer

Maspeth, NY

June 2017 to Aug. 2017

I 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.

**Skills:** Python - Javascript - HTML / CSS - Flask - React - SemanticUI - Wordpress - SQLAlchemy - Heroku - Networking

### BoycottPal

Contract Web Developer

Remote

Jan. 2017 to May 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.)

**Skills:** Python - Javascript - HTML / CSS - Django - SQLite3 - Heroku - Unicorn - SSO

### Kassen Company

Full Stack Engineering Intern

Palo Alto, CA

June 2016 to Aug. 2016

I 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.

**Skills:** Python - Javascript - HTML / CSS - SASS/LESS - Flask - AngularJS - SQLAlchemy - AWS - EC2 - S3 - Vagrant

### Rochester Institute of Technology

System Administrator of Honors Lab

Rochester, NY

Aug. 2015 to Dec. 2018

I 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.

**Skills:** Hyper-V - Active Directory - Hardware Repair - User Management

## Projects

### FoodTrax

A project I spearheaded during a company hackathon at Datto. The site allows people to find their favorite food trucks in real time using standalone GPS trackers or a mobile app.

### Cat Facts

A small project that used 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.