

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. I'm currently looking for full-time work starting in Summer 2020.

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

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

- Joined the icitizen team as an engineer, and transitioned to a leadership role within months.
 - Currently leading the product relaunch.
 - 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

- Worked on Datto's customer-facing portal team.
 - Joined their bi-weekly sprints, and took on the same role as full-time co-workers.
 - 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

- Worked on Fujifilm's kiosk team.
 - 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

- Established a temporary network and designed and programmed light shows for New York City's new Kosciuszko Bridge.
 - Handled requests from the Governor's office and the Department of Transportation.
 - 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

- 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 dynamic report and label generation across multiple platforms.
- Skills:** Python - Javascript - HTML / CSS - SASS/LESS - Flask - AngularJS - SQLAlchemy - AWS - EC2 - S3 - Vagrant

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.

Skills: PHP - JS - C - MySQL - Optimizing 3G data transfer - Leadership

Cat Facts

A small project that used the Twilio API to spam a friend's phone with cat facts.

Skills: Python - Twilio - Requests

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: Python - Flask - Philips Hue API - Nanoleaf API - LIFX API