

# Steven Mirabito

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github.com/stevenmirabito

(315) 464-0786

## Education

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Rochester Institute of Technology

B.S. in Computer Science, expected graduation Spring 2019.

Immersion in Computational Linguistics.

## Experience

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### PayPal, Inc.

Software Engineering Intern

May 2018 - Aug. 2018

- Full-stack software engineering on the PayPal Checkout team (JavaScript/Node.js)
- Architected a development platform for React applications to increase engineer productivity, accelerate time-to-market, and enable maintainable A/B testing
- Contributed extensively to the migration of PayPal Checkout to GraphQL

### Intuit, Inc.

Software Engineering Co-op

Jan. 2017 - Aug. 2017

- Front end software engineering on the UI infrastructure team for QuickBooks Online
- Implemented new features to tailor the product experience for each customer
- Built new JavaScript components in React with Redux and Jest
- Increased velocity by refactoring a large portion of the project's Node.js build system

### Constant Contact, Inc.

Software Engineering Intern

June 2016 - Aug. 2016

- Full-stack software engineering on the email editor team (JavaScript/Java)
- Enabled customers to have better insight into their audience through data
- Worked heavily with Java, JavaScript, REST APIs, MySQL, Git, and Jenkins

## Projects

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### Gatekeeper

January 2018

- Designed and built a secure, open source NFC access control system
  - Reader firmware written in Rust with communication over MQTT and secure provisioning
  - Server written in Python, management portal written in React with a GraphQL API
- <https://github.com/ComputerScienceHouse/gatekeeper>

### OpenShift Deployment

January 2017

- Deployed and continue to administer an OpenShift Origin (Kubernetes) PaaS cluster
  - Cluster backed by a Ceph storage cluster, an ELK logging stack, and Hawkular metrics
  - Built source-to-image containers and mentor users on continuous integration
- <https://openshift.csh.rit.edu>

### Conditional

August 2016

- Web application to track evaluation requirements for members of Computer Science House
  - Backend in Python, frontend in JavaScript built with Webpack, Babel, and Gulp
  - Deployed with Docker and Travis CI and uses OpenID Connect for authentication
- <https://github.com/ComputerScienceHouse/conditional>

### Notera

January 2016

- iOS app and companion web application designed to allow students to share class notes
  - Developed in Swift over three days for the 2016 RIT iOS App Challenge
- <http://devpost.com/software/notera>

### CSH Control

February 2016

- Amazon Alexa skill for the Computer Science House lounge automation system
  - Worked with other team members to help design and implement the Python API
- <https://github.com/stevenmirabito/AmazonEcho-SkillsDirectory>

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## Skills

JavaScript, Python, Java, Rust, PHP  
GraphQL, Webpack, Redux, Jest  
Docker / Kubernetes  
Linux Systems Administration  
Continuous Integration

## Activities

Computer Science House  
System Administrator '16 - present  
Executive Board '17 - present

## Achievements

Earned the rank of Eagle Scout  
Boy Scouts of America Troop 220  
  
Awarded the Computer Technology  
CTE Endorsement  
NY State Department of Education