

# Peter Zujko

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## EDUCATION

**ROCHESTER INSTITUTE OF TECHNOLOGY**  
Rochester, NY  
**BS IN COMPUTER SCIENCE**  
Expected May 2019

## SKILLS

### LANGUAGES

Python • Go • Java • JavaScript  
Familiar: C • C# • Ruby

### TOOLS/FRAMEWORKS

Django • Docker • Git • PostgreSQL •  
MongoDB • Redis • Travis CI •  
Jenkins • AWS • RabbitMQ • Azure •  
Node.js

### CURRENTLY LEARNING

Kubernetes

## ACTIVITIES

### COMPUTER SCIENCE HOUSE

Computer Science House has provided a revolutionary living and learning environment for its members. With unique facilities, emphasis on hands-on learning, and a strong social atmosphere, CSH helps its members grow as professionals and more.

## EXPERIENCE

**CLOUDCHECKR | SOFTWARE ENGINEERING INTERNSHIP**  
Aug 2017 - Dec 2017 | Rochester, NY

- Increased code coverage by creating unit tests
- Helped to integrate CIS benchmarks into application
- Gained first hand experience with Amazon Web Services

**SENDGRID | SOFTWARE ENGINEERING INTERNSHIP**  
May 2016 – Aug 2016 | Denver, CO

- Contributed to bug fixes in back-end support application
- Developed account vetting microservice which reduced redundant calls to e-hawk
- Collaborated with QA to run and develop tests

**RIT STUDENT GOVERNMENT | SENIOR WEB DEVELOPER**  
Feb 2016 - Current | Rochester, NY

- Migrated data from MongoDB to PostgreSQL
- Implemented distributed task queue to increase fault tolerance
- Integrated CI build across core applications
- Mentored junior developers

## SELF-DIRECTED PROJECTS

### PAWPRINTS | DJANGO WEB APPLICATION

github.com/ritstudentgovernment/PawPrints

A Petition site for the RIT community. Leading a rewrite of the previous Petition site to reduce load time and increase maintainability.

#### TOOLS USED

Django, Django Channels, PostgreSQL, Redis, RabbitMQ, Travis CI, Shibboleth

### MINI-URL | URL SHORTENER

github.com/zujko/mini-url

A simple web application to shorten long URL's.

#### TOOLS USED

Go, PostgreSQL, Nginx, Docker, Google Cloud Platform

### WEBNEWS PUSH SERVER | NODE.JS APPLICATION

github.com/zujko/CSH-WebNews-Push-Server

An XMPP server which sends notifications to users of the WebNews Android application.

#### TOOLS USED

MongoDB, Mongoose ODM, Google Cloud Messaging

### GAME BOY MOD | HARDWARE

An ongoing passion project of mine which involves modifying a Game Boy to have a backlight, adding a crystal oscillator, PS/2 port, and a 1/4" headphone jack. In the future I would eventually like to develop on the Game Boy using the GameBoy Developers Kit C library.