

# Peter Zujko

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## EDUCATION

ROCHESTER INSTITUTE OF  
TECHNOLOGY

**BS IN COMPUTER SCIENCE**

Expected May 2019 | Rochester, NY

## COURSEWORK

Computer Science I  
Computer Science II  
The Mechanics of Programming  
Probability and Statistics I  
Discrete Mathematics for Computing  
Computer Science Theory  
Linear Algebra  
Concepts of Computer Systems  
Parallel & Distributed Systems  
Principles of Data Management  
Programming Language Concepts

## SKILLS

### LANGUAGES

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

### TOOLS/Frameworks

Django • Docker • Node.js • npm •  
Git • PostgreSQL • MongoDB • Redis  
• Travis CI • Jenkins

### OPERATING SYSTEMS

Linux

### CURRENTLY LEARNING

Kubernetes

## EXPERIENCE

### RIT STUDENT GOVERNMENT | SENIOR WEB DEVELOPER

Sept 2016 - May 2017 | Rochester, NY

- Leading effort to rewrite PawPrints
- Migrated data from MongoDB to PostgreSQL
- Implemented distributed task queue to increase fault tolerance
- Mentor junior developers

### SENDGRID | SOFTWARE ENGINEERING INTERNSHIP

May 2016 - Aug 2016 | Denver, CO

- Contributed to internal business systems
- Developed account vetting microservice which reduced redundant calls to e-hawk
- Collaborated with QA to run and develop tests

### RIT STUDENT GOVERNMENT | WEB DEVELOPER

Jan 2016 - May 2016 | Rochester, NY

- Developed and maintained various web applications
- Used technologies such as Meteor, Node.js, and Django
- Contributed to planning meetings/tracking progress and tasks on Github

## 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

## ACTIVITIES

COMPUTER SCIENCE HOUSE