

# Else Powell

Software Engineer  
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## RELEVANT EXPERIENCE

### **2U, Inc.**

Software Engineer, October 2014 - present

- ▶ Transitioned applications from traditional infrastructure to systems based on Docker and Kubernetes
- ▶ Developed RESTful applications in Python with Tornado
- ▶ Worked on data streaming systems with Elixir and Kafka
- ▶ Implemented metrics, alerting, and logging improvements
- ▶ Integrated applications with Salesforce

### **Sopel** (*volunteer*)

Lead Developer, July 2012 - December 2017

- ▶ Headed an open-source software project
- ▶ Extended, maintained, and distributed a Python application
- ▶ Packaged application and maintained its presence in Fedora Linux and Python repositories
- ▶ Coordinated developers and ensured code quality from outside developers

### **Thermopylae Sciences & Technology** (Arlington, VA)

Software Engineer, August 2013 - September 2014

- ▶ Engineered systems for simplified secure access of geospatial data from various backends
- ▶ Implemented systems in Python to safely expose Postgres database to users
- ▶ Designed remote procedure call interfaces with Apache Thrift, and integrated Thrift interfaces with Python and Java applications

### **The Ohio State University Open Source Club** (Columbus, OH)

Vice President, January 2013 - May 2013

- ▶ Helped create lecture schedule and find topics for presentations
- ▶ Presented on topics including Python, Willie, and Linux Mint
- ▶ Learned about a wide variety of open source software in related topics including Android, Shibboleth, and wireless security

## EDUCATION

### **The Ohio State University** (Columbus, OH)

B.S. in Computer and Information Science, May 2013

3.0 GPA

## SKILLS

Highly proficient in Python and git

Skilled with Elixir, JavaScript, and shell scripting.

Experience with Postgres and MySQL, as well as Django and SQLAlchemy

Experience with Linux administration including systemd and RPM/yum