

Alexander K. Atwater

~ Available Summer 2017 ~

East Longmeadow, MA
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EDUCATION

Rochester Institute of Technology, Rochester, NY

B.S., Software Engineering - May 2020 - GPA 3.87

Springfield Technical Community College, Springfield, MA

23 completed college credits while in high school - May 2016 - GPA 3.87

RELEVANT EXPERIENCE

Rediker Software, Hampden, MA — *Application Developer Intern*

November 2015 - August 2016

- Full-stack engineer on Django application that streamlined teacher evaluations including administrative review and state reporting
- Wrote comprehensive unit tests for the REST API that were built against Jenkins
- Developed an internal web app that integrated with Microsoft Dynamics CRM that expanded product codes for sales/support representatives
- Developed scripts that generated custom reports for management for insights into Azure server usage and customer feedback

Town of East Longmeadow Information Technology Department, East Longmeadow, MA — *Help Desk Intern*

December 2013 - August 2015

- Configured and deployed new computers for town employees and students
- Provided one-to-one technical support to town employees for basic troubleshooting, data migration, and computer repair
- Coordinated donation of equipment to local children's charity
- Migration of employees to cost-efficient Chromeboxes and locating adequate alternatives to legacy PC applications via Google Play Store

PROJECTS

Whatzur - Django Web Application

- Django based social networking web application that centralizes external accounts
- Exposes endpoints via REST API complete with unit tests and automated builds on Travis CI
- Utilizes Docker environment for ease of development and portability

ELHS AP Calc - iOS and Android Application

- Developed app that allowed for rapid communication of important class updates through push notifications and email to meet high school teacher specifications
- Engineered iOS and Android native applications that communicated with a Javascript based Platform as a Service
- Packaged and distributed apps to both App Store and Google Play Store

SKILLS

Python, Java, Javascript,
HTML, CSS, Objective-C

Django, Flask, Git, Jira,
Github, Docker,
Postgres, MySQL

RECOGNITION

Dean's List, RIT (2016)

High School Soccer
Captain (2016)

National Honor Society
(2014-2016)

EXTRA CURRICULAR

Society of Software
Engineers member,
Running Club,
Intramurals

MORE

Experience with agile
development utilizing
tools such as Jira

Experience with Linux

Interested in backend
development, web
engineering and cloud
computing