

Alexander K. Atwater

3rd Year Software Engineer focused on backend web-engineering
and deploying highly scalable/available web services.
Available Spring/Summer 2018

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EDUCATION

R.I.T Rochester Institute of Technology, Rochester, NY
B.S., Honors Software Engineering 3rd Year - May 2020 - 3.7 GPA

STCC Springfield Technical Community College, Springfield, MA
23 credits during high school - May 2016

RELEVANT EXPERIENCE

VOYA Financial Voya Financial, Windsor, CT — *Application Developer*
May 2017 - August 2017

- Lead developer on internal application aimed at simplifying and consolidating text shared across multiple lines of business.
- Utilization of Microsoft technologies including ASP.NET MVC, MS SQL Server, Active Directory, and IIS.
- Full application life-cycle of requirements gathering, designing, developing, acceptance testing, and deployment to users using agile.

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

PROJECTS

Whatzur (in Beta) - *Django Web Application*

- Social network built in Django aimed at consolidating online accounts.
- Utilizes Docker for consistency through development, continuous integration, and deployment on AWS.
- Uses Docker Swarm, Traefik, and AWS Load Balancers for high scalability.
- Comprehensive REST API that is heavily unit tested that provide account access, search, and editing application permissions.

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 and published iOS and Android native applications that communicated with a Javascript based Platform as a Service.

SKILLS

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

MVC, Django, Docker,
Microsoft Technologies,
Web Technologies, AWS,
Architecture Patterns

RECOGNITION

RIT Honors Program

Dean's List, RIT (Fall
2016, Spring 2017)

Head of Projects at RIT
Society of Software
Engineers

High School Soccer
Captain (2016)

EXTRA CURRICULAR

Running Club

Intramurals

Volunteer Soccer Coach

RIT Society of Software
Engineers

MORE

Experience with Unix
and Windows Systems

Interested in backend
development, web
engineering, cloud
computing and
scalability