Alexander K. Atwater

4th Year Software Engineer focused on backend web-engineering and deploying highly scalable/available web services.

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EDUCATION

Rochester Institute of Technology, Rochester, NY
B.S., Honors Software Engineering 4th Year - Communication Minor - May 2020 - 3.8 GPA

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

RELEVANT EXPERIENCE

Apple Inc., Cupertino, CA — *Safari/WebKit Tools + Operations*

January 2018 - July 2018

- Primary developer/architect on internal application that increased ability to communicate, triage, and analyze data focused around project submissions.
- Cross-discipline collaboration on tools that visualized test results targeting the reduction of websites ability to track users based on unique device attributes.
- Developed suite of web app tools that leveraged existing command line utilities to be able to quickly run and view results of automated jobs.

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, 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.

SKILLS

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

MVC, Django, Docker, ReactJS, Redis, MongoDB, Microsoft Technologies, Web Technologies, AWS, Architecture Patterns

RECOGNITION

RIT Honors Program

RIT Dean's List

Leadership Positions at RIT Society of Software Engineers

EXTRA CURRICULAR

Volunteerism

RIT Society of Software Engineers

RIT Docker Ambassador

RIT Software Engineering Teaching Assistant

MORE

Experience with Unix and Windows Systems

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