ALLEN GUECO

allen.gueco1@gmail.com — Philadelphia, PA

EDUCATION

Villanova University   May 2020
B.S. in Computer Science   *Villanova, PA*

EXPERIENCE

BNY Mellon | Pershing   June 2020 - Present
Senior Associate, Full Stack Engineer   *Pennington, NJ*

· Developing an internal load testing tool to monitor and benchmark existing critical microservices.
· Assisting in rewriting critical Angular and Spring Boot components for an internal configuration management tool.
· Creating and maintaining REST-ful internal APIs and microservices using Spring Boot and its related technologies.
· Helping to create an internal tool which collect runtime information of Java-based projects using Java Agents.
· Remediating cyber vulnerabilities and static code scan findings.
· Enhancing Spring Boot microservice that integrates vendor product for providing geolocation data to our login services.
· Ensuring full code coverage using Unit and Integration Testing for Java (Mockito, and JUnit) and Angular (Jasmine, Karma, and Cypress) projects.
· Working on Agile-based development teams with members located across US and India.
· Containerizing frontend and backend applications using Docker and deploying on-prem.
· Designed responsive and mobile-friendly login screens for company products.
· Maintained CI/CD pipelines to greatly improve developer workflow.

AmerisourceBergen Corporation   June 2019 - Aug 2019
EDI Intern   *Chesterbrook, PA*

· Developed an internal tool for the Electronic Data Interchange (EDI) team to ensure data integrity for b2b transactions.
· Designed APIs through MuleSoft to provide a REST-ful service for the tool.
· Created an Oracle PL/SQL procedure that produces and emails a report based on the result of an ad-hoc query.

SKILLS

Programming Languages	Java, Rust, Kotlin, TypeScript, JavaScript, Python, C#
Frameworks	Spring, Angular 2+, Angular Material, Reactive Programming
OS	Windows, Linux (Ubuntu)
Tools & Technologies	Git, Jira, Confluence, Docker, Docker Desktop, Splunk, BrowserStack, SonarQube, Veracode, IntelliJ, VSCode, Postman, Insomnia, Agile, CI/CD, DevOps

PROJECTS

Apolaki, *Rust*
A ray tracer library implemented from scratch using Test-Driven Development (TDD) principles.
https://github.com/allengueco/apolaki-rs

Movie Recommender, *Rust*
A movie recommender system implemented using user-based collaborative filtering, a neighborhood reduction using covering-based rough sets.
https://github.com/allengueco/recommender