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
Lead Full Stack Developer *Pennington, NJ*

- Developing an internal load testing tool to monitor and benchmark existing critical microservices.
- Creating and maintaining REST-ful APIs and microservices using Spring Boot and its related technologies.
- Designing and developing responsive and mobile-friendly login screens for company products.
- Helping to create an internal tool which collect runtime information of Java-based projects using Java Agents.
- Containerizing various types of frontend and backend applications using Docker and deploying on-prem.
- Maintained CI/CD pipelines to greatly improve developer workflow.

Villanova University Sep 2019 - May 2020
Web Application Consultant *Villanova, PA*

- Developed additional features of Villanova University's official mobile app by overhauling the UX/UI.
- Assisted in creating a Microsoft Power App that unified information across different campus departments.

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

- Assisted the development of an automated testing tool for the Eletronic Data Interchange (EDI) team to ensure data integrity from 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, Python, Kotlin, TypeScript, C#
Frameworks	Spring Boot, Angular 2+, Pandas, Matplotlib
OS	Windows, Linux (Ubuntu)
Tools & Technologies	Git, Jira, Docker, 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