

Allen Gueco

allen.gueco1@gmail.com | Philadelphia, PA

Education **Villanova University**, *BS in Computer Science* Sep 2016 | May 2020
Villanova, PA

Experience **BNY Mellon | Pershing**, *Lead Full Stack Engineer* Jul 2020 | Present
Jersey City, NJ

- Creating and maintaining RESTful APIs and microservices using Spring Boot and its related technologies.
- 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.
- Maintaining CI/CD pipelines to greatly improve developer workflow.
- Containerizing various types of applications using Docker and deploying on-prem.

Villanova University, *Web Application Consultant* Sep 2019 | May 2020
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, *EDI Intern* Jun 2019 | Aug 2019
Chesterbrook, PA

- Assisted the development of an automated testing tool for the Electronic Data Interchange (EDI) team to ensure data integrity from b2b transactions.
- Designed APIs through MuleSoft to provide a RESTful 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, Python, Rust, Kotlin, TypeScript, JavaScript, C#
Frameworks: Spring, Angular, Pandas, Matplotlib
OS: Windows, Linux (Ubuntu)
Languages: Filipino (Native), English (Native/Fluent)

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

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>