

Allen Gueco

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Education	Villanova University , <i>BS in Computer Science</i> Villanova, PA	Sep 2016 May 2020
Experience	BNY Mellon Pershing , <i>Lead Full Stack Engineer</i> Jersey City, NJ	Jul 2020 Present
	<ul style="list-style-type: none">• 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 , <i>Web Application Consultant</i> Villanova, PA	Sep 2019 May 2020
	<ul style="list-style-type: none">• Developed additional features of Villanova University's official mobile app by overhauling the UX/UI.• Assisted in the creating a Microsoft Power App that aggregated verified information across different campus departments.	
	AmerisourceBergen Corporation , <i>EDI Intern</i> Chesterbrook, PA	Jun 2019 Aug 2019
	<ul style="list-style-type: none">• 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 , <i>Kotlin</i> A ray tracer library implemented from scratch using Test-Driven Development (TDD) principles. https://github.com/allengueco/apolaki Movie Recommender , <i>Rust</i> A movie recommender system implemented using user-based collaborative filtering, a neighborhood reduction using covering-based rough sets. https://github.com/allengueco/recommender	