

Aspiring software engineer with hands-on experience in backend and Android development. Proven ability to lead Agile teams, architect scalable web applications, and independently own mobile projects. Eager to contribute to innovative teams and grow through real-world impact.

TECHNICAL SKILLS

- Programming Languages: Kotlin, Python, Rust, C++
- Frameworks & Tools: Django, Jetpack Compose, Room, Git, SQL, MongoDB, PyTorch, JetBrains IDEs, Trello
- Concepts: Agile/Scrum, Object-Oriented Design, Database Design, Deep Learning
- Operating Systems: Windows, macOS, Linux/Unix

PROJECTS

Lead Developer, Django Web App for PPST Test (Python, Django) Jan. 2025 - May 2025

Rowan University, Glassboro NJ

- Directed a team of developers in building a web platform for administering and grading the PPST test using Django.
- Led sprint planning, delegated tasks based on team strengths, and ensured timely delivery of features in an Agile workflow.
- Architected the backend data models with Django ORM to support dynamic question delivery, user response tracking, and automatic scoring.
- Designed and built RESTful APIs for managing test sessions, user data, and real-time interactions.
- Facilitated code reviews and mentored teammates on Django best practices and software design principles.
- Used Git and GitHub to manage collaboration and version control.

Developer, Foreign Function Interface for the zlib C library (Rust, C) Sep. 2024 - Dec. 2024

Rowan University, Glassboro NJ

- Collaborated in an Agile team to develop a safe Rust wrapper around the zlib C library, improving memory safety as a proof of concept for a defense contractor.
- Developed and tested core wrapper functions using Rust's FFI interface and Cargo tooling.

WORK EXPERIENCE

Software Developer (Kotlin) June. 2025 - Present

In Vitro Diagnostic Solutions

Cherry Hill, NJ

- Sole Android developer for a medical diagnostics startup; maintain and expand a Kotlin-based app that interfaces with a Bluetooth-enabled medical device for measuring blood phenylalanine.
- Implemented features including QR code validation, error handling, and improved UI reliability to support clinical efficacy.
- Promoted from unpaid intern to paid developer within one month due to rapid onboarding and significant contributions.

Server

Aug. 2022 – Present

Valenzano Winery

Shamong, NJ

- Lead server trusted with training new hires and managing VIP guests and large parties due to strong performance and reliability.

EDUCATION

Rowan University - B.S. in Computer Science

May, 2025

Glassboro, NJ | Summa Cum Laude | Major GPA: 3.99

- Relevant coursework: Software Engineering, Models of Deep Learning, Distributed Systems, Computer Graphics, Operating Systems, Design and Analysis of Algorithms