Dalitso Banda

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EDUCATION

The City College of New York, City University of New York (CUNY) — New York, NY
Bachelor of Engineering, Computer Engineering — *Expected June 2024*

SKILLS

Languages: C++, Python, JavaScript, HTML/CSS, Kotlin
Frameworks: React, Node.js, Android Studio, PostgreSQL
Developer Tools: Git/Github, Google Cloud Platform, VS Code, Visual Studio
Professional Development: CodePath Android Development, Codepath Software Engineering, NYU AI School on Artificial Intelligence and Machine Learning
Relevant CourseWork: Data Structures, Algorithms, Object-Oriented Programming, Software Design, Assembly Language Programming

PROJECTS

PopStars | github | *Kotlin, Android Studio* — Sep 2022
- Developed an Android application using Kotlin and Android Studio to pull data from the Movie Database API and display data on currently trending movie stars.
- Parsed JSON network responses to pull and load data into a class defined data models.
- Calibrated app to display multi-activity content with responsive design using Glide, RecyclerView and Adapter Android modules.

EXPERIENCE

Software Development Fellow — Aug 2022 – Present
CUNY Tech Prep — *New York, NY*
- Learn in-demand technologies like React, Node + Express, and PostgreSQL
- Practice industry best practices for design, implementation, and deployment such as MVC, version control with Git/GitHub, agile Scrum with Trello and Slack, test-driven development, and CI/CD

Teaching Assistant — Sep 2022 – Present
CUNY City College of New York S.T.E.M Institute — *New York, NY*
- Teach 100+ 10th-grade high school students Arduino Programming, Application, and UI/UX design.
- Work closely with a teacher in creating a lesson plan for students, assist students requiring help and communicate effectively as a liaison between students and teacher.

DevOps Intern — July 2022 – Aug 2022
CyberSecurity Protection Services New York — *New York, NY*
- Researched Gitlab, and Jenkins CI/CD tool documentation to improve production pipeline processes.

Co-Founder — Jan 2022 – May 2022
Parkit — *New York, NY*
- Worked in a team of 3 to develop a web application that enables New York City residents to understand parking signs and access information on when to move their vehicles during restricted hours.
- Used Bootstrap, Figma, HTML, CSS, and JavaScript to develop MVP.

AFFILIATIONS

Secretary — May 2022 – Present
National Society of Black Engineers CCNY Chapter (NSBE-CCNY) — *New York, NY*
- Communicated key events, arranged meetings, and organized events for members and E-board of NSBE.
- Built partnerships with external organizations including Bloomberg, and Bank of America leading to on-campus recruiting events, and company workshops.
- Curated key internship, scholarship, and professional development resources for members.