MAHLANGU NZUNDA

Lithonia, GA, 30058 | (601) 345-5760 | nzundamahlangu@gmail.com
https://www.linkedin.com/in/mahlangunzunda/
GitHub: /unclebinary1001 | Devpost: /nzundamahlangu

EDUCATION

Jackson State University | Jackson, MS   **Expected Graduation: May 2025**
Bachelor of Science in Computer Engineering

TechWise by Talentsprint, Powered by Google Expected Sept 2024
Selected as one of 120 students for the Google-supported program to develop technical/corporate skills and better prepare for a technology career

RELEVANT SKILLS

Programming Languages: C, C#, Java, Python, JavaScript (Bootstrap, React ES6+)
Tools: Amazon Web Services (AWS), Figma, Git, GitHub, Jupyter Notebook, .NET MAUI, Bash, MySQL, Office (Excel, PowerPoint, Word)
Other: Agile Development (Scrum), Communication, Cross-Functional collaboration, Software Development Lifecyle (SDLC), Object-Oriented Programming (OOP), Strong problem-solving abilities, Teamwork

EXPERIENCE

Amazon   **May 2023 - Aug 2023 | New York, NY**
AWS Software Developer Intern
- Designed automation tool using UML and sequence diagrams with PlantUML
- Used reusable components applying OOP and SOLID principles to allow for the propagation of a service within other teams in the organization
- Utilized AWS services like SQS for listening for ticket events and Lambda as a consumer to an SNS topic that SQS subscribed to

Kansanshi Mining Plc.
Software Developer Intern   **Dec 2022 - Jan 2023 | Solwezi, ZA**
- Implemented a model asset tracker and management application for teams to monitor issuing and stock tracking of their internal assets using a Blazor .NET web app
- Designed a multi-criteria decision-solving technique for an algorithm to rank digger operator performance

Amazon   **May 2022 - Aug 2022 | Seattle, WA**
AWS Software Developer Intern
- Implemented an automation ticket tool that reduced on-call engineer ticket investigation by 20%
- Created APIs and frontend pages to query multiple CloudWatch logs across the seven AWS regions of the AWS Forecast service for system faults, user errors, and latency
- Summarized log stack traces to assist engineers in quickly resolving issues in a tabular form on a web UI

PROJECTS

Mediscan | Github **|** Deployed Project *(Kotlin, Android Studio, Firebase, Figma)*
- Developed a user-friendly interface using Android app with Kotlin to summarize medical information sheets for Eli Lilly medicines for patients to access

AfriMap | GitHub **|** Deployed Project *(HTML, CSS, JavaScript, Bootstrap Studio, Folium, Python)*
- Built website that features a web map with an icon of each African country with pop-ups for a fun fact and link to the official visitor/tourism site

Page Calculator | Github *(Python, Object Oriented Programming)*
- Implemented a program to reduce printing usage by 20% when printing A6 page format on A4 paper

PROFESSIONAL DEVELOPMENT

Sponsors for Educational Opportunity   **New York, NY (Remote) | September 2023 – Present**
EDGE Participant
- Participate in individualized coaching and online instruction to achieve targeted professional developmental goals mainly around interview and soft skills training
- Develop corporate fundamentals skills through coaching/mentoring to compete successfully for corporate internship opportunities
- Complete specific training focused on developing technical skills, and develop institutional/industry knowledge

ACTIVITIES

HBCU First Intern | NSpire Program | JSU Career Services Ambassador (CEO) | Oracle Leadership Academy | HP Future of Work Academy Campus Ambassador | HacktoberFest '22 Participant | Stanford D.School University Innovation Fellow (UIF) '23