Erasto Omolo

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Education

08/2020 – 05/2024 Pittsburgh, PA	**BS in Computer Science,** *University of Pittsburgh, GPA 3.3/4.0* **Relevant Coursework:** Data Structures and Algorithms I & II, Computer Organization, Programming for Web Applications, Practical Uses of AI, Intro to Operating Systems, Mobile App Development, Cybersecurity, Software Quality Assurance, Software Engineering and System Design **Certifications:** AWS Cloud Practitioner CLF-C01 **Organizations:** Pitt CS Club, Black Mens Collective, Pitt Intramural Soccer, National Society of Black Engineers.

Professional Experience

05/2023 – 08/2023 Pittsburgh, PA	**Data Services Intern,** *Federal Home Loan Bank Pittsburgh* - Successfully obtained the AWS Cloud Practitioner CLF-C01 certification, showcasing proficiency in cloud computing fundamentals and cutting-edge technologies. - Contributed to the development of data cleanliness workflows utilizing Informatica PowerCenter, guaranteeing data quality and integrity across the organizational spectrum. - Led database preparations for seamless cloud migration, meticulously conducting manual latency tests on over 200 pre-existing Tableau workbooks, optimizing performance and uninterrupted operation.
06/2020 – present Pittsburgh,PA	**Delivery Driver,** *DoorDash/Instacart* - Successfully completed over 1000 deliveries, demonstrating exceptional efficiency and timely service. - Maintained an outstanding Customer Satisfaction rate above 4.9, receiving positive feedback for service excellence and attention to customer needs.

Projects

colLextion, *Collaborated within a dynamic team of three to conceptualize and develop an innovative application leveraging AI technology to identify recommended books mentioned in podcasts. Utilized SpacyML's robust natural language processing model to craft and deploy a model for comprehensive text analysis. Implemented seamless integration with Google's web store via node.js and Google API, enhancing accessibility and user experience.*

Roomatch, *Collaborated in a team of four to develop a roommate-matching web application deployed on Google App Engine. Led the design and implementation of the user profile page, utilizing HTML, JavaScript, and Flask to create a dynamic and user-friendly interface.*

Roomatch Mobile, *Collaborated in a team of four to create a mobile Tinder-like roommate-matching application using Flutter/Dart for cross-platform development. Led the creation of wireframes, software architecture, storyboards, and prototypes, laying the foundation for the application's design and functionality, and implemented a matching algorithm based on user's living preferences.*

Best Neighborhood in Pittsburgh, *Contributed to a team of four in utilizing pandas and Jupyter Labs to conduct comprehensive analysis on diverse datasets provided by Pittsburgh's open-source databases, aimed at identifying the optimal neighborhood in Pittsburgh based on cleanliness and environmental sustainability factors.*

Skills

Java, C, Python, HTML, CSS, Tableau, JavaScript, Flask, Pandas, Flutter, Dart, Google Cloud Platform, JUnit, Selenium, Git, Object-Oriented Programming, Test-Driven development, Version Control, CI/CD, Apache Spark, SQL