**Elangeni Yabba**

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**EDUCATION**

**Pace University, Seidenberg School of Computer Science and Information Systems** **New York, NY**

Master of Science (MS) in Software Development and Engineering | **GPA: 3.87** May 2020

**University of the Virgin Islands, College of Science and Mathematics** **St. Thomas, VI**

Bachelor of Science (BS) in Mathematics and Computational Biology| **GPA: 3.74** | **Honors: Magna Cum Laude** May 2017

**RELEVANT COURSEWORK**

Introduction to Software Engineering| Requirements Engineering | Formal Software Development | Data Structures | Database Management Systems | Software Reliability | Contemporary Software Engineering | Software Engineering Studio

**TECHNICAL SKILLS**

**Programming Languages:** Java, Python, SQL, Swift, HTML5, CSS, JavaScript

**Libraries and Frameworks:** React, Bootstrap, jQuery, Node.js, MongoDB

**Software:** Firebase, Git, Xcode, Android Studio

**PROJECTS**

**Plannerly** September 2018 - Present

* A project created to help small groups of family and friends plan events
* Learned mobile development and backend technologies including Android Studio and MySQL
* Current challenges include security, implementing notification features, and creating a good UI experience

**Vocabby** January 2019 - Present

* A vocabulary builder that will help students prepare for standardized tests, such as the SAT or GRE
* Learned how to implement Google Firebase as a backend service
* Current challenges include implementing a daily quiz feature and optimizing notification features

**Psych Up** September**-**December 2018

* Class project to develop a trivia game that allows users to answer questions from predetermined categories and compete with friends using Java using an Agile, collaborative environment
* Utilized java and learned Swing and AWT to create a desktop application
* Challenges included implementing MySQL and Firebase for backend services and security features

**EXPERIENCE**

**Luxury Optical Holdings New York, NY**

Customer Service Associate July 2019-Present

* Coordinate with 10 sales representatives to strategically serve thousands of wholesale clients nationwide and over four dozen internationally
* Facilitate over 250 frame transfers per month to fulfill wholesale and retail orders
* Assist the Quality Assurance department with the exchange, credit, and repair of defective and damaged frames

**Albert Einstein College of Medicine Bronx, NY**

Student Researcher July 2017 – February 2019

* Developed an algorithm that analyzed recombination, epistasis, and alignment wide selection in Ebola and the Middle Eastern Respiratory Virus
* Determined the similarity between human and camel genomes by developing a program that searched 22 nucleotide or longer sequences in common

**VOLUNTEERING/ACTIVITIES**

**Girls Who Code**, Tutor/Classroom Facilitator | **The Knowledge House,** University Fellow **| National Society of Black Engineers,** Member | **#BuiltByGirls,** Member