

# 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