

# ALPHA KABA

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## EDUCATION

Brooklyn College, City University of New York

Degree expected May 2023

Double Major: B.S. in Computer Science and Electrical Engineering

- Honors and Awards: GPA: 3.902; Dean's Honor List (Fall 2019, Spring 2020, Fall 2020, and Spring 2021)

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming with JAVA, Programming Paradigms in C++, Discrete Mathematics, Computers and Ethics, Probability and Statistics I

## TECHNICAL SKILLS

- **Programming Languages** HTML5 & CSS, JavaScript, C++, Java (Proficient), Python, Swift, SQLite (Intermediate)
- **Frameworks and Technologies:** NodeJS, ExpressJS, MongoDB, Web Development, iOS App Development, XCode, Linux terminal, Bash, Git/GitHub, VS Code, NetBeans, Eclipse, Microsoft Word, Excel, PowerPoint, Access, and Outlook.
- **Languages:** French, Mandingo (Native), Turkish (Basic).

## PROJECT HIGHLIGHTS

*Where You Would Go? (Bootstrap, HTML5, CSS)*

June 2021

<https://alphaka.github.io/Where-would-you-go/>

- Designed and implemented a responsive webpage that makes significant use of CSS Bootstrap framework.

*Personal Website (HTML5/CSS)*

May 2021

<https://alphaka.github.io/PersonalWebsite/>

- Built a personal website that allows users to consult my majors' courses taken, projects, and contact in one place.

*Banking System (Java – Object-Oriented Programming)*

July 2020

<https://github.com/alphaka/BankingSystem>

- Program takes input from the user and guides them to open a specific type of bank account.
- Program keeps track of the deposit and withdrawal depending on the user's initial input.
- System uses implemented exception class to handle most types of errors that may occur.

## PROFESSIONAL EXPERIENCE

Brooklyn College, Brooklyn, NY

February 2021 – June 2021

*Computer Science Tutor (Remote)*

- Peer tutoring students (one-on-one and in groups) to provide insight and assistance on their homework, projects, programming assignments, and answer any questions.
- Help 200+ students understand, read, write, trace, and debug Java code and write pseudo-code.
- Meet with professors to understand lectures and create beneficial review sessions for students based on the curriculum.
- Teach supplementary weekly workshops for students about Java programming.

CodePath.org, New York, NY

February 2021 – April 2021

*Mobile Product Development (Remote)*

<https://github.com/alphaka/Flashcard2>

- Intro to Mobile Product Development is an 8-week course designed to expose college freshmen and sophomore students to the possibilities of a career in technology.
- Learned how to conduct product planning sessions, design basic wireframes/prototypes, and wrote product specs to create an MVP (minimum viable product).
- Built a flashcard mobile application.

MMEI, Conakry, GUINEA

August 2015 – August 2018

*Data Processor*

- Performed reinstallation of the operating systems, installation of new software, and peripherals.
- Provided administrative support including answering calls (20 daily), processed data, and assisted acquaintances.
- Conducted multiple tasks in Microsoft Office Word and Excel for a business bringing about \$40,000 in revenue each month.
- Maintained data entry requirements by following data program techniques and procedures.

## VOLUNTEERING

Academic Peer Mentor

August 2020 – January 2021

## ACTIVITIES

Brooklyn College Swimmer, Member of Brooklyn College Computer Science Club