

ALPHA KABA

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EDUCATION

Brooklyn College, City University of New York

Degree excepted May 2023

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

- Honors and Awards: GPA: 3.903; Dean's Honor List (Fall 2019, Spring 2020, Fall 2020, and Spring 2020)

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 C++, Java (Proficient), HTML5/CSS, JavaScript, Python, Swift (Intermediate)
- Frameworks and Technologies: SQLite, iOS App Development, Linux terminal, Bash, Git/GitHub, Microsoft Word, Excel, PowerPoint, Access, and Outlook.
- Languages: French, Mandingo (Native), Turkish (Basic).

PROJECT HIGHLIGHTS

Personal Website (HTML5/CSS)

May 2021

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

- Built a personal website that allows users to visualize and consult my details via navigation tabs.
- User can display different social network profiles by clicking on their respective icons at the bottom of the page

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 – Present

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)

- 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.
- Learn how to conduct product planning sessions, design basic wireframes/prototypes, and write product specs to create an MVP (minimum viable product).
- Build a flashcard mobile application of my own.

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.
- Collaborated with acquaintances and clients about order-related concerns.
- 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