

ALPHA KABA

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EDUCATION

Columbia University, New York, NY

Degree expected April 2023

Major: B.S. in Computer Science and Minors in Electrical Engineering & Entrepreneurship and Innovation

- **Honors and Awards:** GPA: 3.902; Dean's Honor List for all semesters

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, MongoDB (Intermediate)
- **Frameworks and Technologies:** Node.js, Express, REST, CRUD, Web Development, iOS App Development, XCode, Linux terminal, Bash, Git/GitHub, NetBeans, Eclipse, Microsoft Visual Studio, Microsoft Office Suite.
- **Languages:** French, Mandingo, English (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 (Bootstrap, 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.
- Helped 200+ students understand, read, wrote, traced, and debugged Java code and wrote pseudo-code.
- Met with professors to understand lectures and created beneficial review sessions for students based on the curriculum.
- Taught supplementary weekly workshops for students about programming style and best practices.

CodePath.org, New York, NY

February 2021 – April 2021

Mobile Product Development Apprentice (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