

CAMERIE MAZREKU

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EDUCATION

Columbia University Bachelor of Arts, Computer Science Relevant classes: Data Structures, Operating Systems, C++ for C programmers, Databases, Cloud Computing, AI	New York City , NY Expected May 2024
Borough of Manhattan Community College Associate of Science, Computer Science	New York City, NY Graduated Dec 20221

TECHNICAL SKILLS

Programming Languages: C/C++, Python, HTML, CSS, JS, MySQL

Frameworks & Libraries: React Native/JS, Next JS

Specialized skills & Version Control: Kernel Hacking (Linux), Git Github

SOFT SKILLS

Problem Solving, Collaboration, Adaptability, Communication, Project Management, Time Management

TECHNICAL AND PROFESSIONAL EXPERIENCE

COLUMBIA UNIVERSITY	New York City, NY
Research Assistant in Operating Systems Memory Management	July 2023 - Present
<ul style="list-style-type: none">Conducting independent research under the guidance of Prof. Kaffles on operating system memory managementTailoring policy to specific application needs to optimize system performance	
THE EVAC	New York City, NY
Web3 Developer intern	Nov 2021 - June 2022
<ul style="list-style-type: none">Developed DApps using NextJS, web3, Solidity, and various providers.Created a DApp prototype integrating with a private database and Ethereum Blockchain	
VILLAGE CARE	New York City, NY
React Native Developer Intern	May 2021 - Aug 2021
<ul style="list-style-type: none">Developed a provider directory mobile application for seniors using React Native and public APIsDemonstrated ability to work independently and deliver quality results with minimal supervision	
BMCC	New York City, NY
Peer Mentor	Jan 2021 - May 2021
<ul style="list-style-type: none">Improved professional and academic development of my peer studentsEncouraged students to carefully consider career options and related academic decisions	

PROGRAMMING PROJECTS

'make' command mechanism in C++:

- Developed a custom implementation of the 'make' command in C++ to automate software build processes

Advanced TCP/IP Server in C:

- Used TCP/IP connection, processes, pipe, exec, shared memory, semaphores, signals, threads and mutex locks

Dual-Server Connection in C:

- Developed a dual-server in C using TCP/IP connection, processes, and signals
- Users can search for various messages provided by the second server

AWARDS

- Dean's List - Fall 2020, Spring 2021, Fall 2021, Phi Theta Kappa, National Society of Leadership and Success