

# CAMERIE MAZREKU

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## EDUCATION

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

## TECHNICAL SKILLS

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**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

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

## TECHNICAL AND PROFESSIONAL EXPERIENCE

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

## PROGRAMMING PROJECTS

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- '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

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