

CATHERINE MEADOWS

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EDUCATION

| | |
|---|----------|
| The George Washington University | Expected |
| BS in Computer Science, Minor in Naval Science | May 2022 |
| School of Engineering and Applied Science | |

TECHNICAL SKILLS

Proficiency In: Java, Python, C, Assembly, PHP, HTML, SQL

Security Clearance: Secret

Coursework: Operating Systems, Networking & Distributed Systems, Foundations of Computing, Systems Programming, Database Systems, Software Engineering, Discrete Structures I & II

WORK EXPERIENCE

| | |
|---|----------------------|
| Undergraduate Teaching Assistant | January 2020-present |
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George Washington University

- CSCI 2541 Database Systems Spring 2021
- CSCI 2461 Computer Architecture Fall 2020
- CSCI 1111 Introduction to Software Spring 2020

Undergraduate Researcher

January 2020-present

George Washington University | Professor Timothy Wood

- Contribute to research on OpenNetVM, a high performance NFV platform
- 2020 Summer Research fellow contributing to projects on serverless web applications for NFV platform

LEADERSHIP & COMMUNITY INVOLVEMENT

Navy Reserve Officer Training Corps (NROTC)

Midshipman 2/C

- Participate in military and leadership training evolutions to develop physically, morally, and professionally to serve as an officer in the United States Navy
- General Society of the War of 1812 award for "the sophomore cadet displaying the highest level of leadership and patriotism with a demonstrated aptitude to successfully lead their peers and subordinates"

International Movement for Resilience, Authenticity, and Activism (IMRAA)

Co-Founder, Lead Facilitator

- Collaborate with team of 5 board members to facilitate implementation of IMRAA chapters for female empowerment worldwide, including in Accra (Ghana), Dayton (Ohio), and Arlington (Virginia)

TECHNICAL PROJECTS

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|---|-----------------------|
| Encryption/Decryption with Caesar Cipher/OTP | LC3 Assembly |
| Search Engine (Text Files) | C |
| Multi-threaded Chat Room | Java |
| Reliable UDP Sender | Python |
| Course Registration System | MySQL, HTML, PHP, CSS |
| Mutexes and Shared Memory (xv6 OS) | C |