

# MOLLY MACLAREN

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## EDUCATION

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### University of California San Diego

*Sept 2021 - Present*

*B.S. Computer Engineering*

3.6/4.0

- Past coursework: Intro to Java, Data Structures, Systems Programming, Discrete Math, Intro to CS Research, Analog Design, Managing Diverse Teams
- Current coursework (complete by June 2023): Advanced Data Structures, Algorithm Design, Software Engineering, Circuits and Systems, Engineering Statistics

## PROJECTS AND EXPERIENCE

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### Security Research Assistant

*Sept 2022 - Present*

*CSE Early Research Scholars Program*

- Designed a research prompt based on the topic of security in virtual environments.
- Working on a proposal to study the discrepancy between users' mental models of data privacy and the reality of user data management within metaverse experiences and VR hardware policies.

### Cyber Competition Committee

*April 2022 - Present*

*ACM at UC San Diego*

- Organizes teams for bi-weekly capture the flag (CTF) competitions for new members to practice skills in cyber security.
- Competed in other competitions such as NCL, CSAW, and CCIC.
- Specializes in Forensics, Cryptography, Cracking, and Reverse Engineering.
- Writing challenges for SDCTF in May 2023.

### Restaurant and Activities Hostess

*July 2021 - Sept 2021*

*Da Boccery*

Livermore, CA

- Managed activity and dining reservations, answered phone calls, seated and introduced guests to servers and axe throwing trainers, and instructed guests on how to play games such as bocce and shuffleboard.

## TECHNICAL SKILLS

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### Languages

Java, C, C#, Python, HTML, CSS, ARM Assembly

### Tools

Git, UNIX