

ANDREW PETERSON

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EDUCATION

University of California San Diego
(Expected Graduation) June 2024

Bachelor of Science – Computer Science
3.62 GPA

SKILLS

Proficiencies	Typescript/JavaScript, LaTeX, Notion
Formal Education	Java, C, and C++
Other Technologies	Cybersecurity, systems hardening (Linux distros), IBM's Qiskit

EXPERIENCE

DECEMBER 2020 – CURRENT

COMPETITION DEVELOPER, SAN DIEGO CAPTURE THE FLAG COMPETITION

I work in a small team of other **dedicated enthusiasts** in designing the **backend**, **interface**, and **challenges** for San Diego's **largest annual cybersecurity CTF** event, giving people a gamified way to test their cybersecurity skills.

- Hosted **hundreds** of competitors across **20 countries**
- Underwent the typical **software development lifespan**
- Developed in Typescript, PostgreSQL, and using Discord.JS.

MARCH 2020 – SEPTEMBER 2021

LEARNING INSTRUCTOR, MATHNASIUM

Tutored math for grades K-12, ranging from basic counting skills to advanced calculus.

- Utilized and created individualized teaching methods for each student
- Demonstrated **endurance** in **high stress** situations
- **In-person** and **virtual collaboration** with a team
- Over the phone and in person basic **technical and IT support**

PROJECTS, LEADERSHIP, & AWARDS

APRIL 2021 – CURRENT

PRESIDENT, ACM CYBER AT UCSD

Managed Directors and their committees, set the **direction** and **agenda** for the organization and served as main contact for internal and external partnerships.

- Facilitate **critical leadership discussion**
- **Crisis aversion** and on-the-fly decisions (particularly regarding crucial university-mandated changes)

MARCH 2021

REGIONAL FINALIST, WESTERN REGIONAL COLLEGIATE CYBER DEFENSE COMPETITION

Yearly **team-based cybersecurity** competition. Served as a "floater" role, **hardening** and monitoring **Linux systems** when needed and working on mock **employer communication** and tasks in the meantime.

- Assisted with **training** teammates, resource compilation and **research**, and **planning** meetings.
- Active **threat response** and **damage mitigation** in a live setting