

Dashell Finn

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EDUCATION

San Diego State University — *B.S. in Computer Science*

Expected Spring 2029

GPA: 3.87 — *Relevant Classes:* Unix and Linux, Network Security

EXPERIENCE

SDSU Cyber Defence Team — *Competition Team Member*

Sept. 2025 – Present

- Developed scripts and tools for the **Collegiate Cyber Defence Competition** and **Collegiate Penetration Testing Competition**.
 - Competed in countless **Capture The Flag Competitions** for the SDSU Cyber Defence Team.
 - Taught members of the team how to approach **complex CTF challenges** including problems based on Cryptography, Reverse Engineering, Open Source Intelligence, Forensics Analysis, Enumeration, and Exploitation.
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ACHIEVEMENTS

- 1st place in Lockheed Martin's CyberQuest 2025.
 - 5th place individually in the US on the CTFTIME team leaderboard (as of February 27rd, 2026).
 - 5th place in the National Cyber League Fall 2025 team game.
 - Made Regional Finals in WRCCDC 2026.
 - Avid Hackathon participant and winner (devpost.com/DashellF).
 - Regularly participated in CTF competitions almost weekly for over a year.
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PROJECTS

Scrapboard — *Trash Detection and Classification App*

- Android/iOS app that uses the camera to detect trash and tell the user which trash bin it goes in.
- Uses an Expo framework with a MongoDB SQL database for credentials and a global scoreboard.
- Backend also includes Ngrok communication and Pytorch implementation.

Space Simulator — *Accurate Simulation of our own Solar System*

- Uses Godot to simulate size, spin, tilt, and orbital velocity of our sun and all planets in our solar system.
- Can be exported as either an Android (.apk) app or a computer (Windows and Mac).
- Includes controls to alter speed, date, and includes a rocket trajectory simulator between planets and orbit.

Emoti — *Emotion Recognition App*

- Web/Android/iOS app that uses the camera to detect and class facial expressions of the user and others.
- Includes a MongoDB database and frontend graph to track the user's recent emotional trends.

Windows Hardening Script — *A Domain Controller script that secures an entire domain*

- Checks and secures common vulnerabilities in services such as SMB, Prints, and Windows Authentication.
 - Makes backups of important service files including DNS, Web servers, and Active Directory users.
 - Audits and logs all services, ports, and shares running on every machine on the domain.
 - Sends other hardening scripts to every other computer on the domain to also secure local configuration.
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SKILLS

Technologies: Linux, Windows Server, Git, Proxmox, Apache, MySQL, Expo, React, MongoDB, Ngrok, Godot, GDB, Ghidra, Programming (Python, C, C++, Java, SQL, Bash, Powershell, Javascript/Typescript)

Strengths: Incident Response, Adaptivity to new technologies, Digital Forensics, Presentation, Documentation