Donovan Jasper

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EDUCATION

Stanford University:

- M.S. Computer Science, 4.07 GPA — 2024 - 2025
- B.S. Computer Science, B.A. Music, 3.88 GPA — 2021 -- 2025

Jesuit High School:

- Valedictorian, 5.0 GPA (highest in school history), Scholar-Artist, English, and General Excellence Awards — 2017 -- 2021

EXPERIENCE

Black Hills Information Security: Testing Intern — Summer 2024

- Penetration Testing
- Developed Portspoof-ng, scanning deception software in Go
- QA / QC AI Hacking Course and AI for Defense Course (in progress)

Stanford Internet Observatory: Infrastructure Development and TA — Fall 2023

- Managed transition from Google Cloud Infrastructure to on-prem Proxmox clusters including connecting authenticated http traffic to various vnc sessions on a private subnet through a public-facing Stanford address

CrowdStrike Internship: OverWatch Elite Threat Hunter Intern — Summer 2023

- Integrated a local LLM adhering to CrowdStrike's data policy to create a pipeline from incident analysis to automated slide creation, saving the team significant time
- Offered internship extension which is nonstandard, additionally received a return offer

Stanford Zero-Day Exploit Research Organization: VP, Founding member, Researcher — 2022 -- Present

- Found and exploited a buffer overflow vulnerability in open-source music software, CVE-2023-25205
- Found and contributed to exploiting a RCE vulnerability in open-source hotel software, CVE under review

Stanford Applied Cybersecurity: Windows Offense , Windows Defense, and Competitions Team Lead — 2022 -- Present

- Collegiate Cybersecurity Defense Competition - working with intrusion detection and response systems, creating innovative and custom solutions to competition challenges, National Champions 2023
- Collegiate Penetration Testing Competition - Windows Offense Team Lead, finding zero-days and attack paths in expected competition software, team placed 2nd at global finals

Stanford University Singers: Manager — 2022 -- 2023

- Coordinate rehearsals and concerts, liaison for choir directors, choir, and collaborating orchestral directors

Stanford Viennese Ball Opening Committee: CFO — 2021 -- Present

- For performance dance group: responsible for managing $20k budget and applying to relevant grants

Echelon Catapult: CEO/co-founder — 2020 -- 2021

- Founded non-profit which has provided STEM education to 2000+ underrepresented/underprivileged students

Jesuit High School Cybersecurity Club: President — 2018 -- 2021

- Technical lead for competition team, placed 2nd in California (CCIC) and top 1.5% nationally (CyberPatriot)

SELECTED HONORS

Offensive Security Certified Professional	2024
Collegiate Penetration Testing Competition – 2nd place globally	2024
Collegiate Cyber Defense Competition – National Champion	2023
Stanford CyberFest Capture the Flag (Individual) -- 2nd place	2022
United States Presidential Scholar	2021

SKILLS & INTERESTS:

Skills: Programming (Python, Go, C++, Bash, Assembly), ML, Product & People Management, Offensive Security, Presentations

Languages: English (native), German (advanced), Spanish (conversational)

Voice: National Association of Teachers of Singing - Collegiate SF-Bay Area Champion, Top 5 Western Region, and National Finalist