

JACOB NOVAK

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CERTIFICATIONS

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| ❖ CompTIA Security+ SY0-601 | Expires August 2026 |
| ❖ CompTIA Network+ N10-008 | Expires April 2027 |

EDUCATION

Point Loma Nazarene University: San Diego, CA	May 2025
<i>Computer Science – Concentration: Cyber Security, Minor: Software Engineering</i>	
❖ GPA: 3.88 - Honors: Summa Cum Laude , Dean's List – Leadership: Resident Assistant	

EXPERIENCE

Neurocrine Biosciences: San Diego, CA	June 2025 - Present
<i>Cyber Security Intern</i>	

- ❖ Designed SOAR workflows to automate incident response, cutting manual workload by resolving 20% of tickets automatically.
- ❖ Built advanced queries in Microsoft Defender to detect suspicious tool usage, identifying 35 potential threats.
- ❖ Engineered PowerShell scripts to detect and mitigate identity threats, enhancing protection for 2,000+ users.
- ❖ Created and maintained technical documentation for GRC third-party risk management efforts.

Georgia Tech Research Institute: San Diego, CA	June 2024 – May 2025
<i>Research Intern - CIPHER (Cybersecurity, Information Protection, and Hardware Evaluation Research) Laboratory</i>	

- ❖ Managed 200+ Windows, Linux, and macOS endpoints using JAMF Pro and Active Directory to meet DoD compliance.
- ❖ Resolved 50+ IT support tickets monthly via Jira and Service Desk, ensuring <24-hour response time.
- ❖ Helped remediate 100+ alerts alongside the incident response team using Nessus and security tools.

Vail Health: Vail, CO	May 2023 – September 2023
<i>Cyber Security Intern</i>	

- ❖ Found multiple privilege escalation and improper data validation vulnerabilities on public website that violated HIPAA compliance.
- ❖ Ensured the timely remediation of vulnerabilities through the integration of over 100 new security patches.
- ❖ Developed Python scripts in conjunction with SQL to generate invoices for over 200 medical providers and 17 unique EAP partners, ensuring HIPAA compliance and saving coworkers nearly 10 hours per week.

PROJECTS AND AWARDS

- ❖ **1st Place | SHARP Healthcare Big Data Hackathon | [jnovak0021/HACKATHON-NEMT-APP](#)**
 - Developed React Native mobile application for scheduling NEMT rides, culminating in a sales pitch presentation to 300 attendees.
- ❖ **USGS Earthquake Interactive Globe Website | [jnovak0021/Earthquake Globe Web](#)**
 - Developed website using Next.js, Golang, MySQL, Docker, RESTful APIs, and RDS and to display earthquake data from USGS on a globe.
- ❖ **Compiler | High-Level-To-Machine-Compiler | [jnovak0021/High-Level-To-Machine-Compiler](#)**
 - Programmed in C++ using advanced data structures, source control and software design patterns.

❖ SIM San Diego Scholarship Recipient	October 2024
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