JACOB NOVAK

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CERTIFICATES AND AWARDS

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

EDUCATION

Point Loma Nazarene University: San Diego, CA   **May 2025 (Expected)**
Computer Science – Concentration: Cyber Security, Minor: Software Engineering
- *GPA*: 3.86
- *Honors*: Dean's List, Academic Honors
- *Leadership*: Resident Assistant, Cyber Security Club Vice President

EXPERIENCE

Georgia Tech Research Institute: San Diego, CA   **June 2024 - Present**
Research Intern
CIPHER (Cybersecurity, Information Protection, and Hardware Evaluation Research) Laboratory
- Manage and support Windows, Linux, and MacOS networks leveraging JAMF Pro and Active Directory to ensure compliance with Department of Defense (DoD) standards.
- Develop PowerShell and Bash scripts to automate Windows and Mac compliance checklists.

Ember River: San Diego, CA   **February 2024 – June 2024**
Cyber Security Intern
- Conducted threat research on foreign adversaries, analyzing their tactics, techniques, and procedures, and authored tailored reports to inform company decisions on potential threats.
- Facilitated tabletop exercises and provided consulting services to enhance third-party enterprise security.

Vail Health: Vail, CO   **Summer 2023**
Junior Software Developer
- Leveraged expertise in ASP.NET to assist the web development team in testing a production web application, facilitating the integration of over 100 new security patches and features. Ensured rapid response and mitigation of vulnerabilities by leveraging Jira software and Agile methodology.
- Utilized SQL in conjunction with Python scripts and Microsoft Office to generate detailed monthly reports and Invoices for over 200 medical providers, and 17 unique EAP partners, ensuring data integrity and HIPAA compliance.
- Enumerated vulnerabilities on mountainstrong.org that violated HIPAA compliance such as privilege escalation and improper data validation, demonstrating expertise in application security topics This application serviced over 1,000 unique patients.

AWARDS

- **1st Place | SDSU & SHARP Healthcare Big Data Hackathon**   **October 2024**
  - Developed a mobile application for scheduling non-emergency medical transportation (NEMT) rides using React Native
- **5th Place | PLNU Innovation Workshop Pitch Contest 5th Place**   **October 2024**
- **SIM San Diego Scholarship Recipient**   **October 2024**

SKILLS

- GIT, Java, C++, JavaScript, Incident Response, AWS Cloud, Cloud Infrastructure, Data Analysis Using Python Tools, Machine Learning, Attention to Detail, MySQL, Amazon RDS, EC2, DynamoDB, Lambda, effective communication