

# RYAN TRINH

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## EDUCATION

### California State University, Fullerton

Aug 2022 - May 2026

Bachelor of Science in Computer Science | Concentration in Cyber Security

Third Year | 3.7 GPA | Junior in Standing | First Generation

Relevant coursework: Assembly Language, Cyber Security Fundamentals, Python Programming, Data Structures, File Structure and Database, Object Oriented Programming, Mathematical Structures I/II, Calculus I/II

## SKILLS & CERTIFICATIONS

**Languages** | C++, Python, Powershell, Assembly

**Databases** | MongoDB, Splunk, MySQL, Microsoft Azure,

**Operating Systems** | Windows (7-10), Linux (Ubuntu, Kali)

**Tools** | Metasploit, Nmap, Gobuster, Wireshark, Tcpdump, John The Ripper, Git, Bash, Shell, VSCode, FileZilla, VMWare

**Certifications** | Active CompTIA Security+ (U.S. DoD Directive 8140 IAM Level I)

## RELEVANT EXPERIENCE

### Intelligent Discovery Solutions | Costa Mesa, CA

May 2024 - Present

- Utilized industry-standard tools such as Encase, FTK, Cellebrite for forensic acquisition, ensuring comprehensive and accurate extraction of digital evidence from various devices.
- Managed and organized digital evidence repositories to maintain efficient access and retrieval for ongoing investigations facilitating seamless collaboration and case management across the forensic team and internal departments.
- Learned and assisted in the complete forensic process; intake, acquisition, analysis, and reporting. Gained hands-on experience in each phase to ensure integrity throughout the investigative lifecycle.

### Fremont Auto Works | Fremont, CA

Nov 2021 - Feb 2022

- Achieved a 20% reduction in customer service calls as measured by monthly call logs by assisting in development of a website that scheduled appointments enabling customers to easily select and book appointments.
- Configured the website's UI via CSS and HTML to make the website visually appealing and customer friendly.

## PROJECTS

### PyPort

[View Project](#)

- Developed a python-based port scanning tool utilizing the socket library for network assessments, designed to identify open TCP ports on networked systems.
- Utilized Git for version control, ensuring efficient collaboration and code management throughout the development process.

### SecureErase Suite

[View Project](#)

- A comprehensive digital forensics inspired tool designed to securely wipe storage devices following the Department of Defense 5220.22-M standard.
- The tool features a user-friendly graphical interface (GUI) built with Python, providing an accessible and efficient way to ensure data privacy and security.

### Astro Security Bot

[View Project](#)

- Developed Astro Security Bot, a versatile Discord bot offering essential cybersecurity features, including IP geolocation and secure password generation. Utilized Python and the IPInfo API to provide accurate and real time geolocation services for users.
- Implemented secure password generation functionality tailored to both beginners and experts using the Random.org API. Ensuring robust and random password creation.

## ABOUT ME & ADDITIONAL EXPERIENCE

### TryHackMe

Mar 2024 - Present

Engaged in hands-on cyber security training through simulations to enhance practical skills in network security, vulnerability assessment and blue teaming. While actively participating in hackathons and CTF competitions with THM.

### Offensive Security Society @ CSUF

Aug 2024 - Dec 2024

A student advisor at CSUF's leading cyber security club organizing and facilitating workshops, and training sessions.