

Turner Trowbridge

San Diego, CA

 [turnertrowbridge](#) |  [turnertrowbridge](#) |  [turnertrowbridge](#)

SUMMARY

Computer science student with a strong interest in cyber security that is currently developing skills related to enumeration and exploitation, network exploitation, web exploitation, privilege escalation, algorithms, and operating systems. Looking for an internship to continuously improve my technical and collaborative skills over the summer of 2023.

EDUCATION

San Diego State University

May 2024

Bachelor of Science: Computer Science

Cumulative GPA: 3.93/4.00

Dean's List: Fall 2022, Spring 2023

Relevant Coursework: Data Structures, Algorithms, Advanced Programming Languages, Operating Systems, Computer Architecture & Organization, and Applied Probability

SKILLS

Languages: Python, C++, C, Java, SQL, C#, TypeScript, JavaScript, HTML, CSS, R, Fortran

Tools: Nmap, Metasploit Project, Wireshark, Splunk, Burp Suite, Active Directory, Git, Amazon Web Services, AWS CDK, Docker, MySQL, Unity, Unix, macOS, Windows Server, Kali Linux

Soft Skills: Active Listening, Brainstorming, Coachable, Critical Thinking, Excellent Communication, Experimenting, Goal-setting, Logical Thinking, Open-minded, Patience, Prioritizing, Problem-solving, Self-motivated

EXTRACURRICULAR

San Diego State University Cyber Defense Team

- Competed against college students across the U.S. in events hosted by the National Cyber League and National Collegiate Cyber Defense Competition.
- Used collaboration and communication skills to finish in the 79th percentile during the NCL Fall 2022 Team Game.
- Leveraged computer administration and website security skills by using tools such as Wireshark, Splunk, Kali Linux OS, Active Directory, and VMware in team and individual competitions.

San Diego State University Aztec Game Lab

- Collaborated with 6 other students to design, plan, and develop 2 original games.
- Managed a small game development team by assigning tasks to members, while actively learning new tools and teaching others how to use them.
- Programmed games using C# scripts alongside the Unity Game Engine while using GitHub as a collaboration tool.

PROJECTS

2D Platformer - Unity Game Engine, C#

- Applied prior programming skills to quickly learn how to use C# and Unity Game Engine to make a 2D Platforming video game with a team of 5.
- Coordinated project version control by organizing the team's GitHub.
- Wrote a player movement script in C#, created a player object featuring sprite animation, and created platform objects.

Workout AWS Application - AWS CDK, TypeScript, Python, MySQL, Docker

- Leveraged programming, cloud computing, and problem-solving skills to develop a low-cost original application utilizing AWS Services to create tables and store data based on user-input information in a MySQL database.
- Application is deployed in a stack by utilizing the AWS Cloud Development Kit to implement a VPC, S3 Bucket, RDS MySQL Database, and Lambda Functions.
- When a user uploads a text file containing workout information, a lambda function is invoked that contains a Python script to parse data entry, create tables based on the data entry, and store the data in an RDS MySQL Database instance.