

Judson Salinas

 github.com/judz5  judz.net  linkedin.com/judson5salinas  judz1105@gmail.com

EDUCATION

Texas A&M University

Bachelor of Science in Computer Science

May 2026

Current GPA: 3.9/4.0

RELEVANT COURSEWORK

Courses: Honors Cybersecurity, Discrete Structures for Computing, Data Structures and Algorithms, Computer Organization, Programming Languages, Applied Digital Forensics and Incident Response

Awards: National Cyber Scholarship semifinalist (2021), National Cyber Scholar (2022), 4 Year Superintendent's Scholar (2018-2022), Engineering Deans Honor Roll (Spring 2024)

Certifications: CompTIA Security+, CompTIA Network+

SKILLS

Languages/Frameworks: C/C++, Python, Java, HTML/CSS, Haskell, \LaTeX , SQL, OpenCV, Django, NodeJS

Tools: Git/GitHub, Linux/UNIX/Windows, VIM, Ghidra, Nmap, Wireshark, Burpsuite, Aircrack-ng, Metasploit

EXPERIENCE

Computacenter | *Software Development Intern*

Feb. 2024 – Jun. 2024

- Collaborated with cross-functional teams to design, develop, and maintain Python software solutions.
- Leveraged APIs for data integration and reporting.
- Responsible for development, testing, implementation, and maintenance of software applications.

12th Man Technology | *Ambassador*

Jun. 2023 – Feb. 2024

- Delivered excellent customer service, enhancing client satisfaction and retention.
- Consulted customers in device diagnostics and provided effective technical solutions.
- Educated customers on product features to drive informed purchasing decisions.

Code Ninjas | *Coding Instructor*

Oct. 2021 – Aug. 2022

- Taught ages 5-16 Javascript, C#, Lua, Python, and various STEM Skills.
- Led a variety of camps focused on coding and STEM education.
- Created new curriculums tailored to the needs of the franchise and student learning outcomes.

NCL Spring Team Game | *Team member*

Apr. 2022

- Placed 14th out of 3658 teams during the National Cyber League CTF competition.
- Excelled in Password Cracking, Network Traffic Analysis, and Enumeration & Exploitation Modules.
- Collaborated closely with team members to strategize and tackle challenges effectively.

PROJECTS

GeoTrace | *Python, Networking, Network Mapping, IP Geolocation, API Integration*

- Engineered a Python traceroute tool for mapping the route of packets to a specified domain or IP address.
- Integrated APIs to obtain geolocation data for each hop and visualized routes using Foliium.
- Utilized UDP packets with Time to Live (TTL) values to trace paths between networks.

PyManager | *Python, SQLite, Key Derivation, AES Encryption, InfoSec*

- Designed a secure and easy to use CLI password management application in Python.
- Incorporated AES256 encryption for sensitive account information and utilized password-based key derivation (PBKDF2) to enhance data security.
- Employed SQLite for efficient local data storage, integrating features for account creation, search functionality, and secure password generation.