

Danny Tran

Houston, TX | www.linkedin.com/in/dannytran01

EDUCATION

The University of Texas at Austin

B.S in Computer Science; Minor in Business

May 2025

GPA: 3.74

EXPERIENCE

Accenture | Summer Security Analyst

Houston, TX | June 2024 - August 2024

- Worked with a team to run scans and go over reports about CVEs and risks for a regional healthcare entity
- Generated security software reports by examining the tools, conducting tests, and interviewing the teams responsible for their management, enabling project leads to identify underutilized software
- Developed scripts to automate scanning over 8000 different products and identify EOL or outdated versions

Accenture | Summer OT Security Analyst

Houston, TX | June 2023 - August 2023

- Collaborated with a team to help provide a proof of concept for a multi-million dollar project aimed at presenting a proposal to replace a nationwide network infrastructure for an energy company to improve security and availability
- Worked in a server lab environment utilizing VMware ESXi to set up and configure devices such as switches and VMs
- Prepared documentation outlining the proof of concept to provide an instructional manual for client use

UT Austin | Elements of Computing, Teacher Assistant

Austin, TX | August 2022 - May 2023

- Provided support and guidance to students in the CS minor course, focusing on programming fundamentals in Python
 - Mentored students and held office hours to assist with projects and assignments, ensuring comprehension of technical concepts and promoting best coding practices
-

PROJECTS

D&D Organizer Web Application

April 2023

- Collaborated in a group to design and develop a React web app for D&D Dungeon Masters, streamlining note and image organization for hosting game sessions
- Utilized Firebase APIs for user authentication and implemented a dynamic database that displays user content and developed a query and tag system to enable easy filtering of information

Crime Predicting Machine Learning Model

April 2023

- Worked in a group to leverage crime data from 2020 to develop several models to predict the type of crime a person would encounter given their features with an overall accuracy of 76%
-

EXTRACURRICULARS AND ACTIVITIES

UT Bug Bounty Program | Hobby

April 2024 - Present

- Participated in UT's bug program to discover and report web vulnerabilities such as XSS, helping secure web infrastructure and developing skills to enumerate and exploit webpages

Texas Cybersecurity Clinic | Student

February 2024 - Present

- Participated in a program with the Strauss Center that offered cybersecurity opportunities and experience for students
- Worked in a team to assist public sector agencies with risk assessments and improve security posture

Hack The Box Machines/Academy | Hobby

May 2023 - Present

- Developed experience in compromising insecure machines or solving security-related challenges to capture flags, developing scripts and using tools to develop valuable experience in red-teaming and code analysis

HASH - Hash Association of Student Hackers | Member

February 2023 - Present

- Worked together to develop strategies, tools, and scripts for preparation in CCDC and CPTC competition

ISSS – Information & Systems Security Society | Vice President and Engineering Officer

August 2022 - Present

- Planned and help hosted events and workshops to inform students on cybersecurity opportunities and topics
 - Maintained AWS infrastructure and developed CTF challenges using Docker to help develop participants' skill in problem solving and technical experience
-

SKILLS

Languages/Frameworks: Java, C, C++, Python/Flask, JavaScript/React, Json, HTML/CSS, Bash

Technologies: Firebase, Github, Figma, VMWare, VirtualBox, AWS, Proxmox, Microsoft Excel, PowerPoint, Docker, UE5

Certifications: AWS Solutions Architect (August 2024), CompTia Security+ (August 2023), AWS Cloud Practitioner (June 2023)