

NATALEE CHU



nataleechu



nataleechu



nataleechu@gmail.com

EDUCATION

B.S Computer Science, Minor Professional Sales, University of Texas at Austin GPA: 3.8 2021 - 2025

Relevant Coursework: Software Engineering (Python), Algorithms and Complexity, Operating Systems (C), Computer Architecture (C, Assembly), Data Structures (Java). Differential Equations, Discrete Math

SKILLS

Certifications: AWS Cloud Practitioner, Linux Foundation Certified Administrator (LFCA)

Languages: Java, JavaScript, React, Python, C#, HTML/CSS, C, Assembly (ARM), C++, Terraform

Tools: CI/CD, Git/Gitlab, Maven, Kali Linux, Linux

Miscellaneous: Public speaking, communications, professional sales, marketing, painting

EXPERIENCE

University of Texas at Austin, Undergraduate Course Assistant – CS314 Data Structures 8/22 - Present

- Grades and lectures on a weekly basis for a section of **22 students**
- Holds office hours and grades exams for a class of **over 200 students**

State Farm, Technology Intern

5/22 - Present

Cloud Native Application Protection Team (5/23 – Present)

- **Rapidly facilitating State Farm's migration to cloud** computing by developing resources and Lambda equations for other information security teams using Terraform, CI/CD, GitLab, and AWS
- Researching the facets of Prisma Cloud Code Security to present to directors to argue the importance of shifting security left and embedding security into the SDLC

Border Protection Team (5/22 – 12/22)

- **Reduced waiting times by 1 week** by developing automated tool to handle Azure AD permission requests
- Improved functionality and UX of firewall change application using Java, Javascript, and HTML
- Identified and remediated fatal errors and vulnerabilities for firewall support software

PROJECTS & AWARDS

Memory Management

- Successfully simulated the processes of memory allocation and freeing in C with exceptional space and time efficiency through memory coalescing and best-fit allocation policy

Model UN Motion Tracker

- Programmed a Java app to take in motions and sort them by disruptiveness, while recording to a file to ease flow of committee for CTMUN, the largest Model UN organization in Texas

AFA and NFA Informative Speaking Qualifier

11/21

- Qualified to two national competitions with a speech on black-box AI and its implications on society