NATALEE CHU

 nataleechu nataleechu nataleechu@gmail.com

EDUCATION

B.S Computer Science, **Minor Professional Sales,** *University of Texas at Austin*   **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