

Andrew Lin

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EDUCATION

Texas A&M University

Expected Graduation: May 2025

BS in Computer Science & Minor in Cybersecurity

- **GPA:** 3.9/4.0, Dean's Honor Roll
- **Related Coursework:** Data Structures & Algorithms, Analysis of Algorithms, Computer Architecture, Software Engineering, Programming Languages, Artificial Intelligence, Operating Systems, Object-Oriented Programming

EXPERIENCE

USAA | Software Engineering Intern

May 2023 - August 2023

- Stabilized a client-facing application called One Stop Shop (OSS), providing over 100,000 daily users' most updated claim status through Agile methodology
- Maintained application's UI and API leveraging Spring Boot and Java to enhance user experience and ensure seamless functionality
- Implemented comprehensive full stack test cases using JUnit, Cypress, Postman, and the Gradle build tool to validate functionality after code changes
- Elected as Team Air Force leader of Interns, coordinating participation of 29 interns in various activities and competitions to raise funds for a military donation

PROJECTS

Chilifest Music Festival Vendors

January 2024

Frontend Developer | <https://chilifestbuilds.com>

- Created a dynamic React.js website, centralizing prices for the Chilifest music festival from 10+ vendors, streamlining the ticket-buying process for hundreds of Texas A&M students
- Utilized responsive CSS and transitions, adapting to various devices/screen sizes such as laptops, phones, and tablets
- Implemented a robust JSON data management system, deploying selective data mapping techniques to optimize website efficiency, allowing users to sort vendors alphabetically and by price

Poker Payout System (Hackathon)

January 2023

Backend Developer | <https://andrewlin27.github.io/Poker-Payout-Pro>

- Led team of four members to build a user-friendly website in a 24-hour window, aiming to streamline payout distribution process in a poker game
- Refactored JavaScript backend to process each player's data by utilizing a maximum binary heap data structure
- Integrated CSS, HTML, and JavaScript on front end to provide engaging user experience and functionalities

Instagram Follower Tracker

December 2022

Full Stack Developer | <https://github.com/andrewlin27/Instagram-Follower-Tracker>

- Applied Python and web scraping to let users analyze follower/following data on Instagram
- Parsed through JSON files, generating lists for 'Users I Don't Follow Back' and 'Users Not Following Me Back'

LEADERSHIP AND ACTIVITIES

Aggie Club of Engineers | Recruitment Chair

September 2021 - Present

- Led a team of 40 members to select a new member class of 41 students from a pool of around 280 applicants
- Collaborated with executive board to devise 4 weeks of recruitment events with a budget of \$840, creating an engaging experience for potential new members
- Communicated with College of Engineering, extending organization's reach through an impactful website for thousands of users and a bulk email to all 20,000+ students in the department

Fish Camp | Counselor

April 2022 - October 2023

- Interacted with director staff, co-chairs, and fellow counselors to run a 2 night orientation camp for 100+ freshmen
- Maintained communication with cohort of 12 freshmen, extending a welcome into the Aggie Family

Phi Eta Sigma Honor Society | Treasurer

April 2022 - August 2023

- Oversaw all financial planning and transactions of over \$40,000 in cash flow
- Organized several fundraising initiatives in collaboration with local restaurants, resulting in securing \$500 in funding

SKILLS

Programming: Python, Java, C++, C, JavaScript, HTML/CSS, React.js, SQL

Tools: Spring Boot, Git/GitLab, Postman, VS Code, IntelliJ, Eclipse, Agile, Jira