

Andrew Lin

linkedin.com/in/andrewlin27/ | andrew-lin.com | andrew.mlin27@gmail.com | (214) 886-1889

EDUCATION

Texas A&M University | GPA: 3.9/4.0 | Dean's Honor Roll

Graduation Date: May 2025

BS in Computer Science

Minor in Cybersecurity

Related Coursework

Data Structures & Algorithms, Design/Analysis of Algorithms, Computer Architecture, Discrete Structures, Software Engineering, Programming Languages, Artificial Intelligence, Operating Systems

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 using Java and Spring Boot to enhance user experience and ensure seamless functionality.
- Implemented comprehensive test cases using JUnit, Postman, Cypress, and the Gradle build tool to validate functionality of code changes.
- Elected as Team Air Force leader, coordinating participation of 29 interns in various activities to raise funds for a military donation.

PROJECTS

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 and memory-efficient website in a 24-hour window, aiming to streamline payout distribution process in a poker game.
- Refactored backend to process each player's data using a maximum binary heap data structure.
- Integrated different programming languages (CSS, HTML, JavaScript) on front end to build a complete and functional system.

Instagram Follower Tracker

December 2022

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

- Applied Python and web scraping to allow users to analyze follower/following data on Instagram.
- Efficiently 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 ultimately select a new member class of 41 students from a pool of around 280 applicants.
- Worked 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 Department of Engineering, extending organization's reach through an impactful website and active campus presence.

Fish Camp | Counselor

April 2022 - October 2023

- Interacted with director staff, co-chairs, and other counselors to run an overnight orientation camp for over 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 going in or out of organization.
- Organized multiple fundraising initiatives with local restaurants to benefit organization.

SKILLS

C++ | Python | Java | JavaScript | React | HTML/CSS | SQL | Spring Boot | Git/GitLab | Postman