# ALLEN LI

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**Austin, TX**

## EDUCATION

**Texas A&M University** **College Station, TX**

*Bachelor's of Science Computer Engineering & Mathematics Minor - Cum Laude* *December 2024*

*2022 Recruitment Excellence Award, 2023 Interfraternity Council Rising Star Leadership Award, 2nd Place CSCE Capstone*

## WORK EXPERIENCE

**Dell Technologies** **Austin, TX**

*Software Engineer - Supply Chain Modernization* *Feb 2025 - Current*
- Figma, Fullstack work, AI/ML

*Software Engineer Intern* *May 2024 - August 2024*
- Automated large demand verification process reducing manual workload by 6 hr/week. Further optimized code to reduce runtime by 75 %. Written in python.
- Determined key metrics for success and collaborated with cross-functional teams to ensure proper implementation.

*Product Design Intern, Campus Ambassador* *May 2023 - August 2023*
- Led internal product design initiative focused on enhancing efficiency, streamlining workflows, and optimizing user experience for a project management team.
- Conducted in-depth user interviews, analysis, and comprehensive story mapping, prioritizing functionality.

**Poly (HP)** **Austin, TX**

*Inside Systems / Sales Engineer Intern* *May 2022 - August 2022*
- Engaged clients, recommended solutions, and streamlined product integration. Conducted comprehensive front and back-end testing of Poly hardware across diverse ecosystems.

## PROJECTS

**Solar Tracker (Provisional Patent - 20459/10002), 2nd Place Capstone Expo** **Fall 2024**

*ML Engineer, Embedded Systems*
- Senior capstone (winning 2nd) designed to provide highly granular data and forecasts to market participants.
- Weatherproof, solar-power system built using AWS EC2, Postgres, React, Node.js, various sensors & cameras. LSTM and CNN models trained on self-collected data.

**chaser** **Fall 2023 - Current**

*Co-founder. chaser elevates bar district night-life and provides bars with unique customer insights.*
- Designed UI, architected frontend and backend.
- Worked with team on product-market fit, consumer feedback, etc.

**Fly-back Smart Clock** **Fall 2023**

*Embedded Systems, Software Engineer*
- Built and developed a "smart" wall clock with Arduino, 2 NEMA motors, infrared receiver, and RTC.
- Wall clock with a "timekeeping" mode and "timer" mode. Coded in Arduino C++, calibrated motors (controlling hours and min/sec) to high precision (losing <1 second a minute).

## LEADERSHIP AND INVOLVEMENT

**Alpha Tau Omega Fraternity** **College Station, TX**

*Director of Recruitment, PR, Recruitment Excellence Award, IFC Rising Leadership Award* *May 2021 - December 2022*
- Spearheaded executive board decision-making on $100,000+ contracts and budget. Personally managed $40,000. Oversaw team of 5-8 and data of 1000+ prospective members. Led chapter of 120+ members.
- Recruited record-breaking new member classes. Recipient of Recruitment Excellence Award by Alpha Tau Omega national organization and Rising Star Leadership Award through Texas A&M IFC.
- Member of Order of Omega, oldest Greek Honor Society for high-performing students.

**Local Corporate Director - IEEE TAMUmake** **College Station, TX**

*Oversaw funding and business sponsorship for annual hardware hackathon. Budget of $3000.* *October 2021 - October 2022*

## SKILLS

- Programming Skills: Python, C, C++, Git/GitLab, Java, React, HTML, JavaScript, CSS, Verilog, PostgreSQL/MySQL, NoSQL DB, Node.js, Tensorflow
- Technical Skills: Figma, Prompt Engineering, Machine Learning, MongoDB, Redis, GreenPlum, AWS, UI/UX Design for Mobile/Web, Data Science/Engineering, Computational Photography, Microsoft Office Suite, Embedded Systems, Neural Networks
- Soft Skills: Large event management/planning, Recruitment, Project management, Executive + Interpersonal Communication