

# LANDON ZHENG

Austin, Texas | [lzhengbusiness@gmail.com](mailto:lzhengbusiness@gmail.com) | 469-277-8838 | [LinkedIn](#) | [GitHub](#)

## EDUCATION

**University of Texas at Austin**, Austin, TX

May 2028

Bachelor of Science in Computer Science & Mathematics

Minor in Statistics & Data Science

GPA: 3.96/4.00

Coursework: Computer Architecture Turing Honors, Data Structures, Probability, Statistics, Discrete Math, Calculus

### Honors/Awards:

- Plano Senior High School Valedictorian, Rank 1 out of 1089.
- Pro 8 Mental Math Level at JSU Mental Arithmetic School.

## EXPERIENCE

**Citi**, Dallas, TX

June 2025 - Present

Software Engineering Intern | Java, HTML/CSS, SQL, MongoDB

- Engineering full-stack software for various Citi teams in a professional agile software development based in FinTech.

**CoinHeatMap**, Austin, TX

January 2025 - April 2025

Software Engineering Intern | Django, React, Python

- Designed and developed a caching system to effectively store and load coins, heatmaps, and social media data for efficiency.
- Contributed to a Web3 login system to connect users' wallets with the site, setting up the distribution of \$HMAP tokens.

**Bahwan Cybertek**, Taipei, Taiwan

June 2024 - July 2024

Software Engineering Intern | [BCT Projects Repo](#) | Python, JavaScript, Flowise

- Performed data migration algorithms with customized Rest APIs, Python scripts, and databases for software and applications.
- Developed AI-powered chatbots using Flowise software (LangChain-ran) to create and process inner company records.
- Created custom JavaScript tools to perform Retrieval Augmented Generation (RAG) methods in order to retrieve and store data from vector-based storages using Large Language Model (LLM) agent decision-making by ~100% more efficiency.

## PROJECTS

**HerdUp** | [HerdUp Repo](#) | React Native, TypeScript, Supabase

- Designed professional launch screens for HerdUp, an org finder in accordance with UT, using TypeScript & HTML/CSS.
- Used Supabase API and async functions to implement a sign-in/sign-up system that handled data in a PostgreSQL database.
- Developed an events page and QR code processing as extra features to make recruiting/event planning easier for orgs.

**Plate'Em** | [Plate'Em Repo](#) | React Native, JavaScript, Typescript, Python, Flowise

- Created main home pages for Plate'Em, a nutrition app tailored for college students, with modern personalization features.
- Leveraged Python & Flowise to train a Gen AI model with health databases to recommend unique meal plans for each user.

**Quadcopter** | [Quadcopter Repo](#) | System Verilog/Verilog, Python, FPGA/Gyro/ESC/RC Receiver Hardware

- Built a Quadcopter from scratch with a team; 3D-printed the base and used a FPGA board for all the other wires and I/Os.
- Programmed the FPGA using SV by parsing & encoding I/Os of the controller using PPM/PWM encoding, and balancing the quadcopter weight with inputs of a gyro in I2C and a PID module.

## LEADERSHIP & COMMUNITY INVOLVEMENT

**Texas Undergraduate Computational Finance (Texas UCF)** | Quantitative Analyst

February 2025 - Present

- Analyzed trading markets, presenting market watches gauging the impact of recent events, and pitching stocks to members.
- Developed trading models using quantitative analysis, such as using the Kelly Criterion to algorithmically trade with an edge.
- Pitched such trading models towards members, including Martingale, Arbitrage, and Social Impact Analysis strategies.

**Texas Convergent** | Forge Software Engineer

September 2024 - Present

- Made startup ideas into reality, implementing a full-stack software product for non-profits with product, design, tech teams.

**University of Texas Ice Hockey** | Defenseman

September 2024 - Present

- Played for the official Texas Ice Hockey Longhorns Team in ACHA D2, winning Regionals in 2025 and attending Nationals.

## TECHNICAL SKILLS

**Programming Languages:** Java, C, C++, Python, JavaScript, TypeScript, HTML/CSS, SQL, Lua, R, Verilog/SV, Cisco CLI/TCL

**Tools:** React, React Native, Git/GitHub, Django, APIs, Postman, Flask, Pandas, Supabase, MongoDB, FlowiseAI, Conversational Agents, LLMs, Vector Storages, AWS Buckets, Cisco Packet Tracer, Wireshark, SQLite, PyTorch, Jupyter Notebooks, Roblox Studio

**Certifications:** [Cisco Certified Network Associate](#), [Oracle Java 8 Programmer](#), [UMichigan Python](#), [IBM Data Science](#)