

Annan Cai

annan.cai@utdallas.edu

(945) 378-9196

Dallas, TX

LinkedIn

Flexible, autonomous graduate student in Computer Science looking for internship opportunities in web development & software engineering. Motivated to learn and share innovative ideas in an environment that values personal growth.

EDUCATION

The University of Texas at Dallas – M.S., Computer Science

August 2025 – May 2027

Dallas, TX

Civil Aviation University of China – B.S., Computer Science

September 2021 – June 2025

Tianjin, CN

SKILLS

Languages: JavaScript, HTML/CSS, Shell, SQL, Python, C/C++, Java

Databases: MongoDB, Redis, MySQL

Frameworks: NodeJS, Express, React, Vue, SocketIO, FastAPI, Pydantic,

Tools: Git, Neovim, GDB, SonarQube,

Beanie, Selenium, Auth0, Gemini API

Scrapy, Axure, Microsoft Office Suite

ACHIEVEMENTS

HackTX 2025 – Winner, Best Human Intelligence

October 18 – 19, 2025

Austin, TX

404 Apparel – Contributor

- Printed a T-shirt with noise pixel patterns to disrupt detection models and circumvent surveillance.
- Built a front-end UI with **React** & **shadcn/ui**.
- Real-time video capture with **OpenCV**, person detection with **YOLOv8**, streamed via **WebRTC**.

HackUTA 7: Enter the Hacker-Verse – Winner, Best Use of Agentuity

October 4 – 5, 2025

Arlington, TX

Bugzooka – Contributor

- Engineered an autonomous AI agent to automate QA testing.
- Deployed with **Agentuity** agent, powered by **Gemini API**.
- Designed data schemas for **MongoDB** using **Pydantic** models & **Beanie ODM**.
- Built **FastAPI** CRUD endpoints for **Atlas** cluster, integrated with **Auth0**.

WORK EXPERIENCE

Shanghai Education Software Development Co., Ltd. – Software Development Intern

July 2024 – September 2024

Shanghai, CN

- Redesigned Shanghai's Academic Evaluation System with senior developers using **Axure**.
- Implemented new UI with the **Vuetify** framework.

Shanghai Supwisdom Information Technology Co., Ltd. – Software Development Intern

December 2023 – January 2024

Shanghai, CN

- Migrated frontend codebase from **Vue Options API** to **Composition API**, refactoring **2,000+** lines of code.

PROJECTS

Manga Batch Downloader – Creator

- Handles **1,000+** concurrent requests with **Semaphore** control. Supports multiple sources.

Simple Chatroom – Creator

- Minimalist real-time chatroom. **Socket.IO** messaging, deployed on **Render**.