

Ashley Zhang

(972) 992-2662 | ashxyzhang@tamu.edu | [LinkedIn](#) | [GitHub](#) | <https://ashs.world>

EDUCATION

Texas A&M University

B.S. Computer Science, Minor Statistics — GPA: 4.00

Craig and Galen Brown Engineering Honors, President's Endowed Scholar, National Merit Scholar

College Station, TX

May 2026

EXPERIENCE

Netflix

May 2025 – Aug 2025

Software Engineer Intern

Los Gatos, CA

- Designed and implemented Epoch, a new **Spring Boot** service to expose Tier 0 commerce and identity user journey state machine graph for internal visualization and interaction of **over 150 nodes and 1,000 edges**
- Engineered Epoch's data layer by integrating **Sourcegraph** as a **GraphQL** client for node insights and leveraging **AWS S3** for persisting, retrieving, and editing user journey graph views.
- Refined API design through iterative specs and feedback, cutting endpoint resolution time by 30% and boosting overall responsiveness for internal services

Scale AI

Dec 2024 – May 2025

Technical Advisor Intern

- Curated high-quality datasets to train and evaluate foundation models, including LLMs and ALMs
- Validated and corrected 17 benchmark questions contributing to **Humanity's Last Exam** (published author)
- Conducted model safety testing by jailbreaking and red-teaming LLM systems across 10 adversarial categories

Associate Software Engineer

Aug 2023 – Oct 2024

FinThrive

Plano, TX

- Developed user interface and **REST API** features using **ASP.NET Core C#** and **Angular TypeScript**
- Automated installation and configuration of Microsoft on-premises data gateways using PowerShell cmdlets
- Registered **Azure** Active Directory application as service principal to authenticate gateway connection

Co-President

Feb 2024 – present

Engineering Teaching Assistant Organization (TAO)

- Lead initiatives to enhance teaching assistant engagement through exam review sessions and intern panels
- Devised full-stack website for **10k+ viewers** using **Next.js**, **TypeScript**, and **Tailwind CSS**
- Integrated with **Discord bot API** to extract event information from server with **4k+ members**

PROJECTS

Flock | Next.js, OpenAI, AWS RDS - TAMUHack 2nd Place Overall

Jan 2025

- Offered a comprehensive solution for flight cancellations with itinerary planning using OpenAI's 4o-mini model, hotel vouchers with Google Places, and rental services with Turo

nexus | Next.js, Databricks, Flask, MongoDB - Best Use of Databricks

Nov 2024

- Leveraged prompt chaining with LangChain to create and visualize systems with custom nodes and connections
- Utilized **Databricks' Mosaic AI** to generate JSON documents for system design diagrams stored in MongoDB

Sift | Java Spring Boot, AWS S3 & EC2, Selenium, Jupyter Notebook

May 2024

- Created a robust service to automate the retrieval of internship listings from Fortune 100 companies
- Utilized **Spring Boot MVC architecture** to interact with **Amazon S3** buckets through controller mappings
- Achieved **89%** reduction in manual monitoring through crontab job scheduling, sending email updates via **SMTP**

TECHNICAL SKILLS

Languages: Java, Python, C++, TypeScript, JavaScript, GraphQL, SQL, PowerShell

Frameworks: React, Next.js, Node.js, Express, Flask, Tailwind CSS, Bootstrap

Developer Tools: Git, npm, Jira, Azure, AWS, Cloudflare, Docker, Google Cloud Platform, Firebase, Linux

Libraries: TensorFlow, scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, BeautifulSoup4

Certificates: Oracle Java SE 8 Associate, OpenEDG Python Institute Python Associate

Interests: Blender, fashion, shoegaze, bouldering, biking, medieval fiction