

Kevin Zhang

kevenzhang2022@gmail.com | (832) 416-3570 | [linkedin.com/in/kevinkz](https://www.linkedin.com/in/kevinkz) | Portfolio: kevinkzhang.com

EDUCATION

Texas A&M University, College Station, TX

May 2026

Bachelor of Science in Computer Science

Minors: Statistics, Math

Cumulative GPA: 4.0/4.0

Honors: Dean's Honor Roll 2023, 2024; Engineering Honors; Dean's Excellence Award Semi-finalist

Coursework: Data Structures & Algorithms, Discrete Math, Linear Algebra, Functional/OOP Languages, Statistics

WORK EXPERIENCE

Sandia National Laboratories, Albuquerque, NM

May 2024–Present

Research and Development Intern

- Supported tool suite for Sandia Missile Enterprise, serving the Army, Navy, and Missile Defense Agency
- Updated **Java/MATLAB** telemetry analysis library to use REST API, replacing undocumented JAR dependencies
- Ensured migration robustness through **test-driven development** (TDD) by writing 31 unit/integration tests

Vertical Automation and Information Technology, Katy, TX

Jun–Aug 2022, May–Aug 2023

Full Stack Developer Intern

- Eliminated **1,000+** duplicate data points in production database using Entity Framework and **SQL** queries
- Achieved **50%** increased workflow efficiency by developing CRM web app with **ASP.NET** MVC architecture
- Resolved **150+** issues through daily stand-ups, code reviews, and task management on **Azure DevOps**

RESEARCH

Texas A&M Department of Computer Science & Engineering, College Station, TX

Apr 2024–Present

Undergraduate Research Assistant – Prompt Engineering

- Assisted PhD student create knowledge graph **retrieval-augmented generation** (GRAG) pipeline
- Leveraged SLURM for job management when performing model inferencing on remote HPC server
- Maximized **large-language model** (LLM) inference factuality by evaluating Llama-2/3 models on **200+** prompt variations and **8000** data point TriviaQA dataset

PROJECT WORK

TAMIDS Student Data Challenge, data science competition

Mar 2024

1st Place Data Visualization

- Performed exploratory data analysis (EDA) on **10+** groundwater sites via **Pandas** and **Jupyter Notebooks**
- Utilized **Seaborn** and **Scikit-Learn** to visualize economic impact of sea-level rise on coastal agricultural yield

TAMUHack X, hackathon

Jan 2024

Sandia National Labs Challenge – Honorable Mention

- Achieved **96%** test accuracy in predicting phishing emails by training support-vector machine (SVM) model on **5000+** labeled emails with **Jupyter Notebooks**
- Served pre-trained model to Chrome extension frontend via deployment of Flask **REST API**

LEADERSHIP

Texas A&M Department of Computer Science & Engineering, College Station, TX

Jan 2024–Present

Undergraduate Teaching Assistant – Data Structures & Algorithms

- Fostered interactive learning environment by demoing example problems to **60** students across weekly lab sections
- Hosted office hours to help students with **C++** & **LaTeX** assignments on linked lists, trees, graphs, and recursion

SKILLS & CERTIFICATIONS

- Languages:** Python, C++, Java, MATLAB, C#, JavaScript, HTML/CSS, LaTeX, SQL
- Libraries & Frameworks:** Pandas, NumPy, HF Transformers, TensorFlow, SKLearn, Flask, ASP.NET, React
- Tools:** Linux, VSCode, NetBeans, Git, Gerrit, Jenkins, Jupyter Notebooks, Azure DevOps, Anaconda, Vim
- Certifications:** Supervised Machine Learning; Unsupervised Learning, Recommender Systems, & Reinforcement Learning; Neural Networks & Deep Learning