

## EDUCATION

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

May 2026

- **Bachelor** of Science in Computer Science; **Minor** in Mathematics; **GPA**: 3.68

## EXPERIENCE

**IT Intern for Lavner Education**, Rice University

June 2023 – August 2023

- Leveraged knowledge in HTML, CSS, Python, C++, Java, and JavaScript to lead the full stack project development of 7 plus projects with a team of aspiring high schoolers: websites, applications, and various games.
- Utilized an agile project environment to consistently learn and improve projects.

## PROJECTS

**Apply AI, AI Predicts Economic Trends**, TensorFlow, Keras, Python, Pandas, Matplotlib and Numpy

- Aimed to create a model capable of effectively forecasting and comparing the performance of economic sectors between countries using their stock indexes while also identifying the key driving features of economic growth.
- Model uses Keras' sequential model with an LSTM layer and 3 dense layers to analyze time series data.
- Achieved model with mean absolute error of 3.4754% capable of accurately predicting closing prices.

**Discover AI, AI for Resume Enhancement**, Python and Pandas

- Used supervised machine learning to train our resume reviewing model.
- Created stemming function to clean resumes prior to them going through the model. Function used tokenization, term frequency, inverse document frequency, and TF-IDF multiplication to reprocess the resume.

**Personal Website**, HTML and CSS

- Features include navigation bar, back to top button, links to each project in my GitHub portfolio, contact information, and downloadable versions of both my traditional resume and expanded resume.

**Pong Game**, Python

- Used object-oriented programming, the pygame library and a top-down approach throughout development to create a two-player version of the game pong.

## ACTIVITIES

**Apply AI, AI4ALL**

September 2023 – Present

- Gaining technical and project-based skills in coding and AI on topics including data sourcing, organizing, visualization, implementation, and evaluation

**Aggie Coding Club**, Texas A&M University

August 2022 – Present

- Learned basics of web scraping, web development, Git, React, and more through weekly workshops, gaining exposure to a wide array of software and technology.

**LeetCamp**, Texas A&M University

August 2022 – Present

- Gained deeper knowledge of data structures and algorithms by working through leetcode problems in preparation for technical coding interviews with 20 other motivated students at weekly meetings.

**Discover AI, AI4ALL**

February 2023 – April 2023

- Learned about the applications and fundamental technical concepts of AI including types of machine learning, gradient descent, and neural networks.
- Investigated ethical implications related to data processing and AI implementation.

## SKILLS

**Proficient:** Java, C++, Python, and Microsoft Office

**Familiar with:** JavaScript, HTML, CSS, Git, GitHub, TensorFlow, PyTorch, Keras, Pandas, Numpy, OS, NLP

**Awards:** National Hispanic Scholar, 22-23; 23-24, HSF; National Merit Commended Scholar, College Board

**Hobbies:** watching/ playing basketball, soccer, and football; weightlifting, running, and calisthenics; chess; origami