

EDUCATION

Texas A&M University, College Station, TX

May 2026

- **Bachelor** of Science in Computer Science; **Minor** in Mathematics; **GPA**: 3.725

EXPERIENCE

Incoming Software Engineering Intern (Meta University), Meta

June 2024 – August 2024

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.
- Implemented an agile project environment to ensure progress optimization.

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 forecasting 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.
- Used tokenization, term frequency, inverse document frequency, and TF-IDF multiplication in model.

Personal Website, HTML, CSS, and JS

nicholasmatias.com

- Created a portfolio website with a user friendly, responsive design and ease of use navigation features.

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 – December 2023

- 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