

Nicholas Matias

[LinkedIn](#) | [GitHub](#) | n-r-matias@outlook.com | 832-745-2667

EDUCATION

Texas A&M University, College Station, TX

May 2026

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

Affiliations: HSF, SHPE, ColorStack, and AI4ALL

SKILLS

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

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

EXPERIENCE

Incoming Software Engineering Intern (Meta University), Meta

June 2024 – August 2024

IT Intern for Lavner Education, Rice University

June 2023 – August 2023

- Guided a team of high schoolers through the development of 7 plus full stack projects including websites, applications, and various games.
- Inspired technical development by teaching HTML, CSS, Python, C++, Java, and JavaScript.

PROJECTS

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

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

TAMUHack, Bare Necessities, React.JS, JS, Vite, CSS, and Chakra UI

[Project Devpost](#)

- Platform incentivizes users to spend less and make more informed financial decisions through harnessing the power of competition and data visualization.
- Features include a financial dashboard (expenditures visualization), 10-person leaderboard, and profile page.

Discover AI, AI for Resume Enhancement, Python and Pandas

- Created a model capable of scanning a resume and matching it to prospective job titles of quality fit.
- Trained model with supervised machine learning.
- Used tokenization, term frequency, inverse document frequency, and TF-IDF multiplication in model.

Personal Website, HTML, CSS, and JS

nicholasmatias.com

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

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.

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.

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