# Nicholas Matias

n-r-matias@outlook.com                                                                             832-745-2667

https://www.linkedin.com/in/nicholasmatias/                               www.github.com/NicholasMatias

## EDUCATION

**Texas A&M University**, College Station, TX                                                   May 2026

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

## SKILLS

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

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

## EXPERIENCE

**Incoming Software Engineering Intern (Meta University),** Meta          June 2024 – August 2024

**IT Intern for Lavner Education**, Rice University                          June 2023 – August 2023

- Led a team of high schoolers through the development of 7 plus full stack projects including websites, applications, and various games.
- Taught HTML, CSS, Python, C++, Java, and JavaScript throughout development.

## PROJECTS

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

- Created 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 the time series data.
- Achieved model with a mean absolute error of 3.4754% that is capable of accurately forecasting closing prices.

**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.
- Used supervised machine learning to train our resume reviewing 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.

**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