Nicholas Matias

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EDUCATION

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

Bachelor of Science in Computer Science; **Minor** in Mathematics; **GPA:** 3.736

Relevant Coursework: Data Structures and Algorithms; Computer Organization; Programming Languages; Program Design and Concepts; Discrete Structures Computing; Intro to Computing

Affiliations: Hispanic Scholarship Fund, SHPE, ColorStack, Aggie Coding Club, and AI4ALL

SKILLS

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

Familiar with: JavaScript, HTML, CSS, Git, GitHub, TensorFlow, PyTorch, Pandas, Numpy, Figma, 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, NumPy, 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.

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