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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:** 3.68

EXPERIENCE

IT Intern for Lavner Education, Rice University   June 2023 - August 2023
- Leveraged knowledge in HTML, CSS, Python, C++, Java, and JavaScript to assist in full stack project development: websites, applications, and a variety of games.
- Actively worked to effectively debug code and resolve software problems.

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.

PROJECTS

AI4ALL, Discover AI, AI for Resume Enhancement, Python
- 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.

ACTIVITIES

Aggie Coding Club, Texas A&M University   August 2022 - Present
- Attended weekly career chats with relevant companies, such as Google, Meta, Microsoft, Amazon and more.
- Learned basics of web scraping, GitHub, web development, and more through weekly workshops.

Aggie Competitive Programming Club, Texas A&M University   August 2022 - Present
- Developed technical coding skills and competed in local competitions.

LeetCamp, Texas A&M University   August 2022 - Present
- At weekly sessions, collaborated on common interview questions to solve them efficiently and effectively.
- Gained deeper knowledge of data structures and algorithms in preparation for technical coding interviews.

SKILLS

Proficient: Java, C++, Python, and Microsoft Office
Familiar with: JavaScript, HTML, and CSS

LEADERSHIP

Math UIL, Bridgeland High School
Number Sense Captain   August 2021 - May 2022
- Instructed students (40 plus) and proctored tests to determine the team for the District UIL Competition.

Number Sense Co – Captain   August 2020 - May 2021
- Created practice tests, lessons, and study materials in preparation for the Math UIL District Competition.
- Encouraged and prepared fellow students (40 plus) by facilitating study sessions.

Mu Alpha Theta, Bridgeland High School
Senior Council Officer   August 2021 - May 2022
- Utilized experience and knowledge of position to advise and guide future officers.

Competitions Manager   August 2020 - May 2022
- Prepared students for LOG1 test, Rocket City Math League Test, and more by making study materials.
- Helped grow Mu Alpha Theta to biggest club in school at 300 plus students.

Band, Bridgeland High School

Trumpet Section Leader   August 2021 - May 2022
- Mentored 6 fellow trumpet players during marching season and assisted in teaching trumpet section of 60 plus.
- Helped lead band of 300 plus players to the State Marching Band Contest in San Antonio.

AWARDS
- National Merit Commended Scholar, National Merit Scholarship Program
- National Hispanic Scholar, Hispanic Scholarship Foundation 22-23, 23-24
- National Hispanic Scholar, College Board Recognition Program
- National Rural and Small Town Scholar, College Board Recognition Program
- AP Scholar Award, College Board