

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 both lead and assist in the full stack project development of 7 plus projects with a team of 22 interns: websites, applications, and a variety of games.
- Actively worked to effectively debug code and resolve software problems.

PROJECTS

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.

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

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.

Apply AI, AI4ALL

September 2023 – Present

- 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

- Attended weekly career chats with relevant companies, such as Google, Meta, Microsoft, Amazon and more. Consisted of more than 100 fellow aspiring programmers striving to better educate themselves.
- Learned basics of web scraping, GitHub, web development, and more through weekly workshops, gaining exposure to a wide array of software and technology.

Aggie Competitive Programming Club, Texas A&M University

August 2022 - Present

- Developed technical coding skills and competed in 4 local competitions.

LeetCamp, Texas A&M University

August 2022 - Present

- At weekly sessions, collaborated on common interview questions to solve them efficiently and effectively with approximately 20 other motivated students.
- Gained deeper knowledge of data structures and algorithms by working through leetcode problems in preparation for technical coding interviews.

SKILLS

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

Familiar with: JavaScript, HTML, Git, GitHub, 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