Matthew Wang

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Education

Texas A&M University   College Station, TX
Honors Computer Science, Minor: Mathematics and Business, GPA: 3.851   May 2025

Relevant Coursework: Introduction to Program Design, Discrete Structure Computing, Data Structures and Algorithms, Honor Computer Organization, Programming Languages, Linear Algebra, Principal of Statistics 1

Flower Mound High School   Flower Mound, TX
Weighted GPA: 4.6/5.0, SAT: 1510, AP Scholar With Distinction   June 2021

Experience

Texas A&M University   College Station, TX
Undergraduate Researcher   May 2022 - Present
- Analyze academic articles of various approaches on Cybersecurity using different clustering techniques for a literature review
- Develop scripts and other software tools to extract data from the Cuckoos Sandbox
- Write annotated bibliographies and literary reviews of relevant research on preventing malware with different clustering techniques

Texas A&M University   College Station, TX
Honors Peer Mentor   August 2022 - Present
- Create a welcoming environment for Freshman Honors Engineering Students to transition into college smoothly
- Administer 25 One on Ones with the students, providing advice to succeed during freshman year
- Collaborate with Honors Assistant Director to create/teach meaningful lessons on wellness and the university each week

Personal Projects

Vibe   College Station, TX
Backend Engineer   September 2022
- A Web App built to return an itinerary based on a sentence reflecting how the user feels and their budget
- Used a pretrained model to return an average score of how similar the location was to the "vibe" based on the reviews.
- Technology Used: Python, Flask, Google Cloud Run, Docker, Gunicorn, Google Cloud Containers

Personal Portfolio   Remote
Fullstack Engineer   Present
- A website built to present all future personal projects and blog posts
- Create an artistic frontend and user-friendly experience using HTML, CSS and linked to React framework
- Host on AWS LightSail with plans to migrate to AWS EC2
- Technology Used: Git/Github, AWS, Bootstrap, React.JS

Skills & Interests

Programming Languages: Java, C++, JavaScript, CSS, HTML, Python, Scheme
Frameworks/Technology: React.JS, Node.JS, Cuckoos Sandbox, Ghidra, AWS, Git, GCP, Docker
Foreign Language: Spanish(Limited Working Proficiency) and Chinese(Working proficiency)