

Gabriel I. Alonso Serrato

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EDUCATION

Bachelor of Science in Computer Science
The University of Texas at El Paso (UTEP)

Anticipated: 05/2025
Overall GPA: 4.00/4.00 | Major GPA: 4.00/4.00

Honors & Activities

Scholarship ORISE – Fall 2022
UTEP Engineering Honors Program – Spring 2022
Dean's List – Spring 2022 and Fall 2022
Member of the LeaderSHPE Board at MAES//SHPE UTEP – Fall 2021 and Spring 2022
Discover AI Certificate of Completion – Spring 2022
Apply AI Certificate of Completion – Fall 2022

Relevant Courses:

AI4ALL: Apply AI | Discrete Structures I | Discrete Structures II | Elem. Data Struct. | Algorithms (CS2)

Undertaking: Data Structures | Applied Data Structures | Software Development Studio

EXPERIENCES

Google Tech Exchange Program at UTEP

01/2023 – Present

Participant

Google - Virtual

- Having opportunity to work on real-world projects collaborating with Google Engineers
- Honing my technical skills and developing my problem-solving abilities while gaining hands-on experience with applied data structures, and software development
- Gaining valuable experience in a fast-paced, high- pressure environment

PROJECTS

AI4ALL – College Pathways

02/2022 – 11/2022

Discover AI Participant and Apply AI Participant

El Paso, TX

- 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
- Gained technical and project based skills in coding and AI on topics including data sourcing, organizing, visualization, implementation, and evaluation
- Collaborated with peers on a machine learning project using Python and libraries like pandas and matplotlib to predict housing prices in the US and gain valuable insights into housing inequality.

Google Tech Exchange Software Development Studio Group Project

01/2023 – 05/2023

Participant

- Coded a full-stack web application using HTML/CSS, Python, Flask, and Google cloud storage allowing user to create their own wikis to share their interest.
- Collaborated with 3 other developers remotely via Git Lab

SKILLS

- Programing languages: Knowledgeable in Python and Java and intermediate knowledge in and HTML / CSS
- Familiar with: Data Science platforms like Jupiter Notebooks, Google cloud and Git lab
- Bilingual: Spanish and English