Gabriel Isaac Alonso Serrato

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EDUCATION

Bachelor of Science in Computer Science	Anticipated: 05/2025
The University of Texas at El Paso (UTEP)	Overall GPA: 4.00/4.00
	Major GPA: 4.00/4.00

Honors & Awards:
ORISE Scholarship – Fall 2022
UTEP Engineering Honors Program / Dean's List– Spring 2022 and Fall 2022
Relevant Courses:
Applied Data Structures | Software Development Studio | Discrete Structures II

SKILLS

- Python/Flask, HTML, CSS, Java
- Git/VersionControland GitLab,Terminal/Bash
- Google Cloud Storage, AppEngine and GCP
- Requirements Engineering and Technical Design
- Fullstack development,Web development using GCP (Greenfield development)
- Unit testing
- Continuous Integration/Continuous Deployment (CI/CD)

EXPERIENCES

Google Tech Exchange Program   01/2023 – 05/2023
Google   Virtual
- Collaborated with Google engineers on a wiki full-stack web application using HTML/CSS, Javascript, Python, Flask, and Google cloud storage allowing users to create their own wikis to share their interest
- Gained hands-on experience with applied data structures and software development in a fast-paced, high-pressure environment
- Developing a deep understanding of cutting-edge technologies and industry practices, such as cloud computing platforms like Google Cloud, and best coding practices

PROJECTS

Software Development Studio - Full Stack Team Project   04/2023
Google Tech Exchange   El Paso, Texas
- Collaborated with other two students to create a Full Stack wiki application utilizing Python, Flask, CSS, HTML, and JavaScript in Google Cloud Buckets
- Designed and implemented a profile feature, editor, and search by genre, completing the project over the course of a semester
- Employed unit testing, Git/Version Control, GitLab repository, and Continuous Integration/Continuous Deployment (CI/CD) to ensure code quality of the project

BoderHack 2023 - Hackathon First Place Winners   04/2023
Google Developer Student Club   El Paso, Texas
- Created an informational app utilizing Python, Flask, HTML/CSS, JavaScript, and Google Cloud Services to provide up-to-date information on sustainable practices and technologies for the El Paso region, tackling the UN's 17 Sustainable Development Goals
- Empowered individuals to make sustainable choices and contribute to a healthier planet by connecting them to a database with accurate and up-to-date information
- Collaborated effectively in a team environment to design and develop a successful project, resulting in a first-place win at the hackathon

Borderland Glitch 2023 - Game Jam First Place Winners   04/2023
Bandit Game Studio   El Paso, Texas

- Worked with a team of 4 people to develop a Futuristic FPS video game using Unity and C#
- Designed and programmed game mechanics, including player controls, enemy AI, and level design
- Collaborated with team members on game art, animation, and sound effects
- Developed skills in game design, video game programming, collaboration, and project management