Martin Gerardo Sanabia

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❖Portfolio: https://github.com/ArcEnig777

EDUCATION

Bachelor's Degree in Computer Science.   *December 2023*

University of Texas in San Antonio, San Antonio, TX
Honors/Scholarships: National Science Foundation I-FOCUS-CS Scholarship,
UTSA President's List

PROFESSIONAL EXPERIENCE

Information Analyst, Institutional Research Department   *August 2021-December2023*

University of Texas in San Antonio, San Antonio, TX
- ❖ Using Python and other associated libraries to sort and compare big data in accordance with the specifications given.
- ❖ Making specific charts and statistics with the information given using PowerBI to make it easier to utilize and make decisions.

DevOps Intern, Digital and IT   *June 2023-August 2023*

Dell Technologies, Austin, TX
- ❖ Work with the Gitlab Environment, retrieving information and creating pipelines to expedite, and automate deployment.
- ❖ Work with and expand APIs to retrieve information and create new functionalities.

Math & Programming Tutor, Learning Enrichment Center   *August 2020–July 2021*

Laredo College, Laredo, TX
- ❖ Tutor freshmen and sophomore students in Math and programming areas as needed.

PROJECTS

Creating my own API from scratch (*PHP, Ubuntu, HTML, CSS, mySQL*)   *January 2023-May 2023*

University of Texas in San Antonio, San Antonio, TX
- ❖ Developed and optimized my own search and upload API from scratch using PHP, Ubuntu server, nginx and MySQL, contained in an AWS free tier server.
- ❖ Processed up to 5,000,000 records for the APIs database utilizing Unix based commands and optimized MySQL queries.

CI/CD Pipeline Interface (*PHP, GraphQL, Laravel, GIT, API*)   *June 2023- August 2023*

Dell Technologies, Austin, TX
- ❖ Worked on developing an API to retrieve information about pipelines and their jobs together with any dependencies using PHP. Result would then be used to create a graphical representation of the data to visualize the pipeline and their jobs.

Creating a File Storage Server for Loan Information   *August 2023 – December 2023*

(*PHP, Ubuntu, Bootstrap, mySQL, Chron*)
University of Texas in San Antonio, San Antonio, TX
- ❖ Created a Server using AWS free tier server with functionalities to receive, search and retrieve files into and out the server with a robust logging system.
- ❖ Wrote chron jobs to audit the system and request files from another server hourly.

SKILLS/CERTIFICATES AND INTERESTS

Software Development: C++, Python, C, C#, Java, Unix, Assembly, Ubuntu.
Data Analysis/Artificial Intelligence: Pandas, TensorFlow, OpenCV, Machine Learning Algorithms (Min-Max, ID3 and more).
Databases: MySQL, SQL Server, PostgreSQL.
Web Development: Laravel, PHP, HTML, CSS, JavaScript, React, APIs (Curl and GraphQL).
Servers/Cloud: Amazon Web Services, Azure Cloud Computing, Google Cloud, Enterprise System servers.
Graphics/Game Engines: OpenGL, Unity, VR applications.
Certifications: PowerBI, Data Visualization and Laravel via LinkedIn Learning
Languages: English, Spanish, Japanese.
Algorithms: Experienced with dynamic programming, A*, Optimized searches
General: Excellent mathematics and reasoning skills can work normally in high-pressure environments, highly invested and punctual, Customer Service experience.
Interests: Videogames, Youtube/Twitch, Game designing, Writing, Learning Languages, Hiking