Jesus Martinez

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EDUCATION

University of Texas Rio Grande Valley | 1201 W. University Dr, Edinburg, TX 78539 July 2018 - December 2022
- Bachelor of Science in Computer Engineering
- Overall Current GPA: 3.70 | Major GPA: 3.8 | Cum Laude
- UTRGV Dean's List, 2018 - 2022
- UTRGV President's List, 2020 - 2021

EXPERIENCE

Cloud Data Engineer January 2023 - Present
Procter & Gamble (P&G) | Remote
Tools & Technologies - Python | SQL | Azure | Git | Databricks | Jupyter Notebook
- Assist in building new data ingestion pipelines and validating data for our Machine Learning initiatives
- Documented and reported inconsistencies and errors in existing data pipelines
- Process petabytes of data using Databricks to develop analysis and reports for leadership

Software Engineer Intern June 2022 - August 2022
Procter & Gamble (P&G) | Cincinnati, Ohio
Tools & Technologies - Python | SQL | AWS | Azure | Git | Power BI | Jupyter Notebook
- Developed an end-to-end automated Azure SQL Database & Virtual Machine optimization process using Machine Learning to determine rightsizing candidates and savings value generated - Estimated annual savings ~ $2.5 Million
- Designed an automated solution to perform monthly allocation of Amazon Web Services (AWS) Backup Charges, and split charges between application teams that consumed the backup charges
- Discovered unused AWS DynamoDB resources and EC2 snapshots to then be decommissioned thus cutting costs - Estimated Savings ~ $40k

Software Engineer Intern June 2021 - August 2021
Lob | San Francisco, CA
Tools & Technologies - JavaScript | Node | SQL | Postgres | AWS | Docker | Jira | Postman | Git
- Developed endpoints for employees to process requests to redact personal information from databases which reduced workload from engineers and possible user error
- Created an environment using Docker for local development and testing for my redactions project
- Increased security and overall API performance by upgrading dependencies in a large codebase
- I ran a series of load and functional tests on a third party webhooks as a service platform before deciding to move forward with them. New events system reduced engineering time, resources and ongoing maintenance

LEADERSHIP

Industry Advisor January 2023 - Present
Frontera Devs | Edinburg, Texas
- Conduct 1:1 or 1:Many meetings as a mentor to undergraduate students to answer any questions whether it be industry or academic wise
- Volunteer to lead technical workshops for Frontera Devs members which consists of university students

Frontera Devs Lead January 2022 - January 2023
Frontera Devs | Edinburg, Texas
- Our mission is to empower developers across the Rio Grande Valley with the resources and support they need to become leaders in tech
- Assisted in driving the first inaugural Frontera Devs hackathon and leading a team to help us cross the finish line

SKILLS & TOOLS

- Languages: C++ | Python | JavaScript | CSS | HTML5 | Ruby | SQL
- Development Tools: Docker | AWS | Azure | GCP | Databricks | Jira | Git | Postman
- Soft Skills: Teamwork | Technical Writing | Time Management | Fast Learner | Public Speaking