

Erick Galvez

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OBJECTIVE

I am a data engineer with skills in data ingestion, optimization and transformation. Worked in a team environment to ingest hundreds of files and create data models and applications for our clients. Ability to overcome challenges and adjust to different situations in order to meet deadlines.

WORK EXPERIENCE

SDG Group

IT Data & Analytics (Consultant)

June 2020 - September 2021

- Back End developer experienced with Snowflake SQL, matillion and alteryx in order to provide clients quality results in:
 - Working with clients and colleagues to develop end to end solutions
 - Using the agile methodology in order to assess scope of project
 - Data management in order to centralize hundreds of files for usability
 - Recreate workflows to improve runtime and readability and data quality checks
- Email Notification System / Data Model Normalization
 - Alert specified users of complications when loading in data
 - Reads through all files in order to verify errors in the transformation process
 - Parses through a list and output failed jobs from list
 - Analyze crucial tables in order to create unique keys to link between Dimensional and Factual data
 - Generate workflows to map data to each reconstructed table accordingly
 - Continual testing in order to ensure the integrity of data is upheld

SOFTWARE SKILLS

Programs: JIRA, Matillion, Microsoft Word, Microsoft Excel, Microsoft teams

Languages: Alteryx, C, C#, C++, HTML, Java, JavaScript, Mips, MySQL, Snowflake, Python, R

Certifications: IT Essentials - Cisco Networking Academy

COURSE PROJECTS

Image Classification In Python

- Effectively used MIRA algorithm in order to determine whether or not an image is a face or not a face or what digit an image is and will recalculate the weight if a prediction was wrong for better accuracy

Multithreaded Bank System In C

- Wrote a multithreaded server program to emulate a bank and a client communication to support multiple client connections

Retail Bidding Website Using MySQL, Java, and JSP

- Created an online clothing bidding website with the website being connected to AWS as the server, MySQL to handle all queries and HTML/JS for front end.

Weather GUI In Python

- Wrote GUI application that displays the current weather of a city by connecting to a weather api with features such as changing from celcius to fahrenheit, 5-day forecast and comparison with another api

EDUCATION

Middlesex County College, Edison, NJ

May 2018

Associates of Science in Computer Science

Officer of S.T.E.M. club, Officer in Computer Science club

Rutgers University, Rutgers School Of Arts And Sciences, New Brunswick, NJ

May 2020

Bachelor of Arts in Computer Science