# **ERNEST LOUIS**

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# Skills & Competencies

- · Data: Data Retrieval, Data Cleaning, Data Visualization, Report Writing, Ad-Hoc Queries, Data Governance
- · Collaboration: Communication & Presentation, Pipeline Development & Implementation, Troubleshooting
- · SQL(Postgres, SQL Server, SSRS, MySQL): Data Manipulation, ETL Processes, Stored Procedures, Views
- · Python: Pandas, Web scraping, Process Automation
- · Excel: VLookup, XLookup, Conditional Formatting, Pivot Tables, Advanced Formulas
- · Related: Git, GitHub, Microsoft Office, Agile Methodologies, Tableau, Power BI, HTML5/CSS3(UX/UI), JavaScript

### **Education**

#### **BACHELORS OF SCIENCE IN COMPUTER SCIENCE**

05/2016 - 05/2020

SOUTHERN NEW HAMPSHIRE UNIVERSITY

· Cumulative GPA: 3.6(Presidents List)

### **Relevant Coursework**

#### **BOARD GAME SALES DASHBOARD**

12/2023 - 01/2024

- · Created dashboard design with effective data visualization of large data volumes using various data sources (PostgreSQL, Tableau, and spreadsheets) to determine bestselling product trends based on different features and theme.
- · Utilized Python to scrape, analyze, and manipulate data to gain insight on profit margin of game publishers.
- Imported data from excel to perform analysis and data cleaning using Beautiful Soup and Requests.
- · Developed custom charts and graphs to visually represent project data to facilitate communication with stakeholders.
- · Project Dashboard Link: <a href="https://public.tableau.com/app/profile/ernest2189/viz/Board Game Sales Project/BoardGamesSalesDashboard">https://public.tableau.com/app/profile/ernest2189/viz/Board Game Sales Project/BoardGamesSalesDashboard</a>

#### NASHVILLE\_HOUSING-DATA CLEANING SQL PROJECT

02/2021 - 04/2021

- · Obtained raw Airbnb housing data and transformed it in SQL Server allowing for practical analysis.
- · Clean, transform and model data to ensure and improve accuracy of metrics calculations.
- Project Link: https://github.com/ErnestLouis/sql\_datacleaning/blob/main/nashville\_housing.sql

#### **COVID-19 GLOBAL DASHBOARD**

12/2023 - 01/2024

- · Developed a simple dashboard that tracks the total cases and deaths per continent between May 2020 and January 2022.
- $\cdot \quad \text{Imported data from several excel records to perform analysis, incorporated SQL to execute queries used for Tableau Project.}$
- https://public.tableau.com/app/profile/ernest2189/viz/Covid Dashboard 16474568760220/Dashboard1?publish=yes

## **Experience**

#### RESQBEAT LLC, CONTRACT

01/2024 - 06/2024

- · Developed booking website for client using HTML/CSS, JavaScript.
- · Incorporated TidyCal's REST API to retrieve up-to-date information about account and booking.
- · Implemented re-crawl with google console to improve SEO engagement by 45%.
- · Continue to optimize and improve websites so that we could improve conversion rates for our clients.
- Implement security measures to protect websites from cyber-related threats
- Site Link: <a href="https://resqbeat.com/">https://resqbeat.com/</a>