

# ERNEST LOUIS

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Portfolio: [ernestlouis.github.io/portfolio/](https://ernestlouis.github.io/portfolio/) | [linkedin.com/in/ernestlouis](https://linkedin.com/in/ernestlouis) | GitHub: [github.com/ErnestLouis](https://github.com/ErnestLouis)

## SOFTWARE DEVELOPER

Highly motivated Software development professional that is enthusiastic about developing practical and time-saving software solutions within a collaborative environment. Knowledgeable in numerous software technologies such as SQL, where I have incorporated my analytical skills in writing effective relational queries for database solutions, as well as identify issues within existing programs using languages such as C/C++ . I am seeking to utilize the training and skills acquired within a Software development role.

## Technical Skills

- Platforms: Windows 7/10, Mac OS X, Android, Linux (Red Hat, Ubuntu, Linux Mint)
- Programming Languages: C#, C/C++, SQL, Python, JavaScript, CSS, HTML
- Technology/Frameworks: Git, GitHub, OOP, Excel, Agile Methodologies, Tableau
- Databases/Tools: MS SQL Server, Postgres, MySQL, MongoDB, PL/SQL, T-SQL, Oracle

## Experience

### UNICORP, SOFTWARE QUALITY ASSURANCE ENGINEER INTERN, TULSA, OK 05/2022-08/2022

- Executed established test plans and protocols for assigned portions of code for end-user application and Internet- based platforms identifying, logging, and debugging assigned issues.
- Participated as a member of project team with functional and business team members, principal engineer and staff to assist in automation scripting efforts and review the implementation from other team members, create/update documentation and procedures for tool use, installation, and maintenance.

### AMAZON, PROBLEM SOLVE SPECIALIST, GARNER, NC 06/2020-05/2022

- Resolve issues with customer-ordered packages while aiding different aspects of various departments.
- Inspecting inventory for damage and faults and communicating errors to relevant parties.

## Projects

### COVID 19-DASHBOARD- TABLEAU VISUALIZATION PROJECT 2021-2022

- Created dashboard design with effective data visualization of large data volumes using various data sources (SQL server, Postgres, and spreadsheets) from Covid-19 exploration results.
- Implemented different Action filters, Parameters and calculated fields to create intricate dashboards.
- [https://public.tableau.com/app/profile/ernest2189/viz/Covid\\_Dashboard\\_16474568760220/Dashboard1?publish=yes](https://public.tableau.com/app/profile/ernest2189/viz/Covid_Dashboard_16474568760220/Dashboard1?publish=yes)

### NASHVILLE\_HOUSING-DATA CLEANING SQL PROJECT 2020-2021

- 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
- [https://github.com/ErnestLouis/sql\\_datacleaning/blob/main/nashville\\_housing.sql](https://github.com/ErnestLouis/sql_datacleaning/blob/main/nashville_housing.sql)

## Education

### BS-COMPUTER SCIENCE | MAY 2020 | SOUTHERN NEW HAMPSHIRE UNIVERSITY

- Cumulative GPA: 3.6
- President's List