

**Wilfred Labue**  
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## **EDUCATION**

**University of Texas at Dallas, Richardson Texas**  
**Bachelor of Science, Software Engineering, Graduation Date: Dec 2020**

## **Technical Skills**

- Advance knowledge in writing T-SQL queries with DDL and DML commands, complex stored procedures, indexes, triggers and views.
- An in-depth grasp of SQL reporting, analytics and business intelligence
- Good knowledge of SOAP, RESTful and JSON APIs
- A good understanding of object-oriented programming, developing software solutions, agile/waterfall methodologies, testing and debugging code and designing interfaces.
- Strong mathematical, analytical, logic thinking and problem-solving skills
- **Programming languages:** Java, Python, SQL, C#, JavaScript, HTML5 and CSS3,
- **Data Analytics tools:** Power BI, SSRS,
- **Methodologies:** Agile and Waterfall
- **Operating Systems:** UNIX, Windows, Linux
- **Framework:** react, reactjs, react-native, Spring boot, Spring, Bootstrap 4, Angular 8
- **Databases:** SQL, Oracle, MySQL MSSQL, Firebase
- **Version Control:** Git/GitHub

## **Relevant Course Work**

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|--|---|
| • C++/ C programming in a Unix Environment | • Data Structures and Algorithms Analysis |
| • Computer Architecture                    | • Operating System Concepts               |
| • Web Design (HTML and CSS3)               | • Intro to Machine Learning               |
| • Advance Java Programming                 | • Calculus I and II                       |
| • Intro to Artificial Intelligence         | • Database Systems                        |
| • Computer and Network Security            | • Advance Java Programming                |
| • Software Testing and Validation          | • Intro to Big Data Management            |

## **Work Experience**

### **Le Duff America, Software Engineer Internship- (June 2018 to January 2019)**

- Build UI screens using Java / Angular
- Wrote software test cases and participate in Unit testing
- Update software documentation documents.
- Create test plans requirements, scenarios and test data for use during testing
- Create complex reports using SQL Server Reporting Services (SSRS) and Power BI
- Wrote complex T-SQL queries, stored procedures, triggers, and user-defined functions.
- Designed and created Report templates, bar graphs and pie charts based on the financial data.
- Wrote simple and complex queries, views and store procedures to pull data from the database and export it to Power BI for reporting purpose.

- Create functions to provide custom functionality as per the requirements.
- Create schemas, implemented stored procedures.
- Monitored and tuned database resources and activities for SQL Server databases.

#### **Academic/Personal Projects**

- **Obsolescence Management Tool for General Dynamics Mission Systems (Senior Design Project)**

Successfully build and implement a tool to help General Dynamics manage its Bill of Materials (BOM).

**Role:** Fullstack Developer

- **MapReduce Program:** I successfully implement and code a simple word count program that implement the MapReduce paradigm in java without using the Hadoop framework.  
Summer/2019
- **Sorting Program:** I wrote a program that implement the various sorting algorithms in java.  
Spring/2019
- Design and create a Cows and Bulls game in MIPS Assembly Language. Fall/2019

#### **Language:**

Fluent in English