

Rohan Bankala

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EDUCATION

University of Texas at Arlington | Bachelor of Science in Computer Science

Aug 2019- May 2023

- GPA: **3.5/4.0**, Awarded Maverick Academic Scholarship

SKILLS

- Programming Languages: C/C++, Java, Python, JavaScript, HTML, CSS, XML, SQL, ARM, Dart, MATLAB
- Libraries and Frameworks: NumPy, Android Studio, Flutter, SQLite, DB Browser, Oracle APEX, OpenScript
- Relevant Coursework: **Data Structures and Algorithm**, Object – Oriented Programming, Operating Systems, **Fundamentals of Software Engineering**, Engineering Probability and Statistics, Linear Algebra, **Database Systems**, Computer Graphics, **Machine Learning**, **Artificial Intelligence**, **Software Testing and Maintenance**
- Languages: English, Telugu, Hindi, French(written), Arabic(written)
- Microsoft Office Suite – Word, Excel, PowerPoint

WORK EXPERIENCE

Oracle Application Developer Intern

General Motors Financial | Fort Worth, TX

Jun 2022 – Aug 2022

- Creating/editing web pages using Oracle APEX.
- Created and ran automation scripts for testing quality assurance of web pages using OpenScript.
- Visualized data in various formats using Oracle APEX framework and SQL

PROJECTS

Credit Card Fraud Detection Research Paper | Python, ML Algorithms

- Used various machine learning algorithms like **KNN**, **Random Forest Classifier** and **Decision Tree** to predict whether a given credit card transaction is fraudulent or not based on the dataset given by a European credit card holder
- Wrote a Research Paper based on our findings and predictions of the probability of fraudulent transactions

Music Matcher | Android Studio, Java, XML, Google Firebase

- Developed an android application that helps users discover different genres of music based on their taste. The application has a **Tinder inspired UI** and connected with the **Spotify API**.
- Took user input on their favorite artists and accordingly generated different songs to display to the user.

Car Rental GUI | Python, SQLite

- Developed a python GUI for a car rental database for users to rent, return and check for availability of vehicles.
- Migrated the database from csv files to **SQLite** using **DB Browser** for SQLite and connected to GUI using **Tkinter**.
- Used **SQL queries** to display information for users on the GUI.

Mavshell | C, Ubuntu VM

- Developed a shell program similar to c-shell using C language and deployed it on the Ubuntu Virtual Machine.
- Performs various processes like **fork()**, **wait()**, **listpids** and **exec()** functionalities.

BMI Calculator | Flutter, Dart

- Created a BMI calculator app using the **Flutter framework** in **Android Studio**.
- The app takes the height and weight information of the user and outputs the accurate BMI value.