Timothy Faniran

Email : tim.faniran@gmail.com

http://www.linkedin.com/in/timothy-faniran

Mobile : +1-301-747-8042

P.O. Box 2193, Prairie View, TX 77446

EDUCATION

- **Prairie View A and M University** — Prairie View, TX
  Master of Science in Computer Information Systems; GPA: 4.00 — *Graduation: May 2019*

- **Obafemi Awolowo University** — Ile-Ife, Nigeria
  Bachelor of Science in Mathematics — *Graduated: 2012*

COURSES

- **Computer Science**: Programming Languages, Data Structures, Advanced Database Management Systems, Data Mining, Machine Learning, Research Methods, Data Communications and Computer Networks
- **Mathematics**: Calculus, Numerical Analysis, Algebra, Statistics

SKILLS

- **Languages and Technology**: Python (Scikit-learn, NumPy, Pandas, Tensorflow, Keras, PyMongo), SQL, Javascript (React, Angular), CSS, HTML,C++, C#, .NET.
- **Data Analytics and Visualization Tools**: Tableau, PowerBI, SAS, R, SPSS, MATLAB.
- **Machine Learning and Statistical Analysis**: Regression Analysis, Correlation, Classification, Feature Engineering, Data Scraping, Confidence Interval.
- **Charting Libraries and tools**: D3, Highcharts, Charts, Plotly, Matplotlib, Seaborn.

EXPERIENCE

- **Prairie View A and M University** — Prairie View, TX
  Graduate Research Assistant — *2017 - Present*
  - **Web Development**: Improved Study Abroad participation by 50% through the development and integration of a Web-based Software for Prairie View University's Study Abroad Program.
  - **A/B Testing**: Derived core insights from available data to suggest A/B tests that drove improvements in site execution and experience.
  - **Data Collection and Analysis**: Conducted Survey and analyzed data to optimize International Initiatives within the University.

- **Visa, Inc.** — Foster City, CA
  Software Engineering Intern — *Summer 2018*
  - **User Interface design**: Designed an interactive user interface (UI) using Figma.
  - **Data Visualization Dashboard**: Developed a real-time dashboard that displays key business metrics formatted in easily readable manner using React/D3 with a working knowledge of Web Technologies like HTTP, HTML/DOM, JS, CSS, AJAX.
  - **Backend Technology**: Implemented the Model-View-Controller (MVC) architecture for the backend technology using Node.js and Express JS
  - **Reports and Recommendations**: Generated reports and recommendations based on data analysis to provide decision support functionalities.
  - **API Development and Software Architecture**: Developed RESTful APIs and employed Lambda Architecture to fetch batch and real time data in the backend.

- **Paradime Edge** — Lagos, NG
  Software Engineer — *2014 – 2017*
  - **Web Development**: Developed a web application for managing event management vendors using HTML/CSS/JS/MySQL.
  - **Data Scraping, Cleaning and Analysis**: Identified, analyzed and interpreted trends and patterns for large complex datasets using statistical techniques.

PROJECTS

- **Recommendation System**: Built a personalized restaurant recommendation system that gives predictions to users based on personal preferences and reviews using Collaborative filtering algorithm and Sentiment Analysis API.
- **Data Visualization Tool**: Designed a data visualization tool that present most commonly used business metrics for application stakeholders for easy accessibility to data/information in a near real time technique using React and D3.
- **Statistical Prediction and Modeling**: Predicted learning outcomes of High School Students in Mathematics concepts based on their learning patterns using Regression Analysis.

ORGANIZATIONS

- **Global Panthers**: Vice President
- **National Society of Black Engineers (NSBE)**: Member
- **Association for Computing Machinery (ACM)**: Member
- **International Student Association (ISA)**: Member