

# ADESIJI BLESSING ADETOYE

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## SUMMARY

An impact-driven individual who is adept in web development, data science, machine learning and analytics. Experienced in undertaking complex projects in these areas; data analytics, visualizations, developing machine learning models, web development.

Good knowledge of the following languages & tools: Python, PHP, Golang, R, JavaScript, Swift, HTML, CSS, Power BI, Excel, SQL, Spark, NoSQL, & Cloud Services(AWS, GCP).

## EDUCATION & CERTIFICATIONS

- Intro to Cloud Computing**– Udacity.com **June 2020**
- Data Engineering Nanodegree** – Udacity.com **June 2020**
- Web Development Pathway** – Codecademy.com **March- June 2020**
- Python REST APIs with Flask, Docker, MongoDB & AWS DevOps** – Udemy.com **May 2020**
- Google Cloud Platform Big Data and Machine Learning Fundamentals**– Coursera.org **April 2020**
- Microsoft Professional Data Science Certification** – Microsoft/DataHack4FI **April 2019**
- Bachelor of Science, Petroleum Engineering** – University of Ibadan, Ibadan **2015 – 2019**  
**Degree: Second Class Upper Honours (CGPA: 5.8/7.0)**
- Cambridge Advanced Level GCE**- University of Cambridge **2013- 2014**  
**Physics(A\*), Mathematics(A), Chemistry(A)**

## WORK EXPERIENCE

### **Smarterise Integrated Solutions – Data Scientist** **May 2019 – Till Date**

- Developed insights dashboard that helps clients understand their business problems and provide solutions.
- Utilizing tools such as Power BI, Python, MongoDB and cloud server to obtain data, and generate meaningful insights.
- Developed an interactive visualization web-apps using Dash, Plotly and flask framework in python.
- Worked with a diverse team of Data Engineers, Software Engineers to develop products for clients.
- Built the company website using Wix and Developer tools (JavaScript) – [www.smarterise.com](http://www.smarterise.com)

### **Machine Learning Tutor - Data Science Nigeria** **April 2019**

- Taught basic python programming skills for Data science, use of Python libraries and visualisation tools, Machine learning models and model optimization.
- Developed a technology-driven model that solved a real-world regression problem for an in-country chain of supermarkets.
- Tutored principles of machine learning with Microsoft Azure.

### **Addax Petroleum Nigeria – Drilling and Completion Engineering Project Management Intern** **September 2017 – February 2018**

- Developed a robust financial tracking application that logs completed rig operations and prompt business services for payment validation.
- Responsible for all drilling department correspondences, well-site/office drilling reports cataloguing, communication with service contractors and minutes of meeting preparation and circulation.
- Interfaced with contractors and clients to support, track, and publish reports of daily Oil Rig concurrent operations.

### **Global Cambridge College, Ibadan – Physics and Mathematics Student Tutor** **April 2014 – March 2015**

- Prepared various students for Cambridge Subsidiary & Advanced Level Exams.
- Taught topics in Advanced level Physics & Mathematics Syllabuses.
- Increased the percentage of students that passed the Physics and Mathematics final exams by 30%

## PUBLICATION

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Akinsete, O., & Adesiji, B. A. (2019, August 5). Bottom-Hole Pressure Estimation from Wellhead Data Using Artificial Neural Network. Society of Petroleum Engineers (NAICE)

Blessing Adesiji (Medium) - Understanding Recursion with Factorial and an English Ruler Drawing.

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## PROJECTS – [Link](#)

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- Data Modeling with Postgres – Created a database and ETL pipeline in Postgres for a music streaming app.
- Data Modeling with Apache Cassandra – Created a non-relational database and ETL pipeline in Postgres for a music streaming app.
- Data Warehouse (AWS) – Built an ETL pipeline that extracts data from S3, stages them in AWS Redshift, and transforms for analytics.
- Developed a Machine Learning Model that predicts loan default by bank customers in Data Science Nigeria Bootcamp.
- Developed a Machine Learning Model that predicted customers' loan default, customer churn rate and propensity to transact for Access Bank Data Hackathon.
- Developed a Machine Learning Model using Artificial Neural Network to determine Oil Wells bottom-hole flowing pressure.
- Developed a model that was used to tutor participants (beginners) in Data Science Artificial Intelligence Invasion program.

## LEADERSHIP AND VOLUNTEERING EXPERIENCE

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### Educate an African Child Initiative, University of Ibadan

September 2018 – March 2019

- Volunteered to educate kids living in marginalized communities.
- Assisted to provide mentorship activities and educational training to out-of-school children.

### General Secretary, Society of Petroleum Engineers, University of Ibadan

January 2018 – December 2018

- Provided administrative support for the society that included creating reports, letters, and board meeting minutes.
- Supervised Society's important activities such as Oil & Gas Industry Week, Career Orientation Programmes, and Skills development training.

### 2018 Hult Prize University of Ibadan Intercampus Idea competition Team Leader

November 2018

- Designed an idea that improved learning within the campus by leveraging on an individual with talents in the society.
- Led a team that recorded success in the pitching competition and launched the idea on campus.

## AWARDS

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- Ranked 8th in Uber & Mobiticket Predicting People's Movement – Zindi Data Science ML Hackathon. **2019**
- Top participant in Access Bank/ Africa Fintech Foundry/ Data Science Nigeria Hackathon (2018 & 2019). **2018 – 2019**
- Top 10 in Hult Prize Entrepreneurship Idea Competition, University of Ibadan Campus. **2018**
- Ranked 19th amongst 10,000 students in the Data Science Nigeria Intercampus Machine Learning Competition. **2018**
- Received Outstanding Student Chapter Award on behalf of UI, SPE chapter in ATCE, Dubai. **2016**
- Best Graduating Student in Global Cambridge Advanced Level College. **2014**

## SKILLS & EXPERTISE

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|---------------------------------------|---|
| • HTML & CSS                          | • Machine Learning                            |
| • Google Cloud Services (Google, AWS) | • WordPress                                   |
| • PHP                                 | • Data Visualization                          |
| • JavaScript                          | • Design thinking                             |
| • Golang                              | • Strong Work Ethics                          |
| • Python                              | • Written communication & Communication Skill |
| • Deep Learning                       | • Proficiency in Microsoft Office Suite       |
| • Web development                     |   |
| • Power BI                            |   |