

RAJI, OLUWATOBI QUADRI

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EDUCATION

Stanford University

Expected Grad: June 2024

Major: MS. Energy Science and Engineering

Coursework: Renewable Energy Processes, Carbon Capture and Storage, Energy Storage and Conversion, Sustainable Energy Decision Making, Machine Learning and Programming Abstractions.

University of Lagos, Nigeria (UNILAG)

Jan. 2015 – Nov. 2019

Major: BSc. Petroleum and Gas Engineering

Grade: First Class Honors (CGPA: **4.96/5.00**)

RESEARCH EXPERIENCE

Research Assistant, Stanford

Sep. 2022 – Present

- Develop machine learning based optimization models to support the implementation of a regional Carbon Capture, Storage and Sequestration hub in Kern County, California.

PROFESSIONAL EXPERIENCE

Babban Gona (Startup)

Lagos, Nigeria

Technical Product Manager

Feb. 2020 – Aug. 2022

- Led internationalization strategy to expand the company's software products to service a market of 1,000,000 agricultural entrepreneurs in Africa.
- Programmed backend applications to support business decisions by generating automated dashboards serving 100,000 customers and leading to a 60% revenue increase for the company.

Shell Petroleum Development Company

Rivers, Nigeria

Petroleum Engineer – Intern

June. 2018 – Nov. 2018

- Collaborated with a 20-man team of office and field-based Petroleum Engineers managing 8 oil and gas fields and 3 hydrocarbon processing plants onshore Niger Delta, Nigeria.

VOLUNTEER/LEADERSHIP EXPERIENCE

Stanford Energy Club

Stanford, CA

Program Coordinator, RE-volv

Sep. 2022 – Present

- Support non-profits in California in adopting solar electricity by marketing no-cost installations and smart pricing schemes tailored to their specific needs, thus saving them money while also protecting the environment.

Lagos Model United Nations

Lagos, Nigeria

Delegate of the United Arab Emirates (UAE)

Apr. 2019 – July 2019

- Presented a policy paper to the UN General Assembly on the UAE's plan for energy transition by 2050 and deliberated with co-delegates to draft resolutions that ensure global compliance with the Paris Agreement.

SKILLS & CERTIFICATION

- Technical Skills: Microsoft Excel, Python, C++, R, SQL, Product Management, Tableau.

ADDITIONAL INFORMATION

- Languages – English (Fluent), Yoruba (Native), French (Beginner)
- Hobbies: Travelling, Reading, Outdoor Activities, Football, Global Policies and International Development.