

David Laab-Garia

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SUMMARY

Ambitious Engineering Intern keen to contribute boundless enthusiasm while expanding personal competencies. Dedicated to absorbing and leveraging new techniques and skills. Ready to positively impact all new and ongoing projects through diligent pursuit of exceptional final products.

EXPERIENCE

marketing Analyst(part-time)

Logitrade Company Limited

December 2022 – present

- Analyzed marketing data using tools like Google Analytics and Tableau to identify trends, leading to a 25% increase in campaign ROI by refining target audience segmentation and improving ad placement strategies.
- Achieved 15% increase in campaign performance by aligning marketing strategies with key quality objectives, utilizing advanced analytics tools such as Google Analytics and Tableau to track metrics and optimize efforts over a 12-month period.
- Developed and optimized a Pay-Per-Action (PPA) campaign using Google Ads, resulting in a 35% increase in conversion rates over six months and reducing the cost per acquisition by 20%.
- Conducted in-depth market research and analyzed consumer behavior trends, leveraging tools such as Google Analytics and Tableau, which contributed to a 25% increase in campaign effectiveness over six months.

Junior Tank Farm Operator

Bulk Oil Storage and Transportation

October 2022 – November 2023, Ghana, Tema

- Monitored and managed fuel inventory levels across 5 storage tanks, ensuring timely refueling and maintaining operational efficiency, contributing to a 15% decrease in downtime.
- Assisted in the inspection and maintenance of storage tanks and equipment, ensuring optimal operational efficiency and reducing downtime by 15%.
- Monitored tank levels and conditions, accurately recording data to maintain precise inventory control and prevent overflows or shortages. Assisted in the implementation of environmental protection measures, reducing environmental impact and ensuring compliance with regulations.
- Collected and analyzed samples of stored oil, ensuring product quality and adherence to industry standards, which resulted in a 5% increase in customer satisfaction.
- Communicated effectively with team members and supervisors, enhancing coordination and reducing operational errors by 10%.

Engineering Intern

Ghana Water Company

October, 2021 – December 2022, Bolgatanga

- Assisted in the design and testing of automated systems using MATLAB and Simulink, reducing error rates by 15% and improving overall project efficiency.
- Collaborated with senior engineers to develop and optimize water treatment processes, enhancing system performance and reliability.
- Conducted data analysis on water quality metrics using Excel and Python, providing insights that improved compliance with regulatory standards.
- Supported the maintenance and troubleshooting of equipment, ensuring minimal downtime and efficient operation of water treatment facilities.
- Participated in field inspections and site assessments, contributing to the identification and resolution of operational issues.

Trainee Drill Operator

Shaanxi Mining Company

January 2017 – September 2018

- Assisted in Executing Special Projects by operating and maintaining drilling equipment, completing 15+ special projects over 6 months, with a focus on precision and safety, contributing to a 20% increase in operational efficiency.
- Investigated equipment malfunctions and drilling inefficiencies, resulting in a 20% reduction in downtime over a six-month period using diagnostic software and technical assessments.
- Assisted in operating and maintaining industrial drilling equipment, successfully completing over 50 drilling projects within specified deadlines using equipment such as hydraulic and pneumatic drills.

PROJECTS

Logitrade Limited • github.com/Laabk

Collaborated with a team to develop applications that significantly enhanced productivity. These tools streamlined workflow processes, improved task management, and facilitated better communication among team members.
Logitrade Limited • github.com/laabk • June 2022 – Present

Decline Curve Analysis in Petroleum Engineering

Oil and Gas • laabgaria.vercel.app/ • June 2022 – October 2022
• Team Member
Analyzed production decline trends in petroleum reservoirs to optimize recovery strategies. Developed and implemented custom scripts for decline curve fitting, resulting in a 15% increase in forecast accuracy.

EDUCATION

Data Analytics

Holberton School (ALX) • 2024

Full Stack Software Engineering (Backend specialization)

Holberton School (ALX) • 2023 – 2024

Bsc. Petroleum Engineering

University of Energy and Natural Resources (Sunyani) • 2018 – 2022

West African Exam. Council

Bolgatanga Senior High School • 2013 – 2016

Basic Education Certificate Exam.

St. Peters and Paul Junior High • 2010 – 2013

CERTIFICATIONS

Industrial safety

<https://online.atingi.org/>
• Enhanced understanding of safety culture and leadership, contributing to safer team dynamics and project management in petroleum engineering.

Aspire

Aspire Institute • 2024
• The program aims to cultivate leadership qualities among participants through workshops, seminars, and mentorship opportunities. This focus is crucial for preparing individuals to lead effectively in various contexts, whether in business, academia, or community settings. The Aspire Program provides networking opportunities with peers, mentors, and industry professionals. Networking helps participants build connections, gain insights, and access career opportunities..

Alx Aice

Alx • 2024
• ALX AICE is relevant for aspiring young leaders in Africa who are committed to driving positive change, fostering innovation, and building resilient communities.

Virtual Assistant

Alx • 2024
• The course often includes tools like Google Workspace, Microsoft Office, CRM software, and various project management tools. These skills are increasingly important across all sectors, including technical roles like data analysis or engineering

INVOLVEMENT

Intern

West African • Young leaders International • December 2020 – Present
• Assisted in organizing and coordinating youth leadership workshops and events, increasing participant engagement and satisfaction by 20%.
• Facilitated communication between the organization and community stakeholders, fostering partnerships that led to expanded program reach and effectiveness.
• Collaborated with team members to draft reports and presentations on project outcomes and impact, enhancing transparency and stakeholder communication.

President

University of Energy • Northern Student Union • May 2021 – October 2022

- Launched initiatives to promote diversity and inclusion within the Northern student body, leading to a 25% increase in participation from underrepresented groups.
- Led the development and implementation of student engagement initiatives, increasing student participation in union activities by 30% through targeted outreach and event planning.
- –Managed the union's budget and financial resources, ensuring efficient allocation of funds and achieving a 15% reduction in unnecessary expenditures

Electoral Commission chairman

University of Energy • Society of Petroleum Engineers • August 2020 – October 2022

- Organized and supervised the election process, ensuring transparency and fairness, which increased voter turnout by 30% through effective communication and clear procedures.
- Developed and implemented election guidelines and protocols, maintaining compliance with university regulations and enhancing the credibility of the electoral process.
- Oversaw the voting and ballot counting process, utilizing secure methods to ensure the accuracy of results and reducing the margin of error by 15%

SKILLS

Technical Proficient in [Programming Languages]: Python, Java, C++, C

Very Strong understanding of software development methodologies

Working Experience with version control systems (Git) and issue tracking tools

Very Strong understanding of engineering devops and automation

Very Familiar with handling data using Python, MATLAB and Excel.

Technical Reservoir simulation software (e.g., Eclipse, CMG).

Technical Well logging and petrophysical analysis.

Very Drilling techniques and equipment.

Very Oil production engineering and Refinery

Very Petroleum law and economics

Very Flow assurance and integrity of materials

Very Strong analytical and problem-solving abilities

Very Excellent communication and teamwork skills

Very Detail-oriented with a commitment to quality and safety

Technical Ability to adapt quickly to new technologies and environments