

NKEMDILIM ASHLEY EGBUJI

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PROFESSIONAL SUMMARY

Results-driven Product/Project Management professional with a strong foundation in data analysis, process optimization, and strategic planning. Skilled in managing cross-functional teams, delivering complex projects on time, and leveraging analytical tools to drive product success. Proven ability to align business goals with user needs, ensuring impactful and sustainable outcomes.

EDUCATION

Covenant University | B.Eng. Chemical Engineering | Second Class Upper | 2019 – 2024

- Focus: Data analysis, process optimization, and problem-solving
- Relevant Projects: Designed an energy-efficient system to produce industrial materials from waste tyre pyrolysis.

Dominican College | SSCE | 4 Distinctions | 2013 – 2019

- Leadership: Class Prefect, fostering team coordination and organizational skills

CERTIFICATIONS

- Product Management – ZarrTalent Academy
- Excel Skills for Business – Macquarie University (Coursera)
- Entrepreneurship Strategy – Coursera
- Designing Presentation Skills – Tomsk State University (Coursera)
- Autodesk Fusion 360 (CAD/CAM/CAE) – (Coursera)
- Thermodynamics - University of Michigan (Coursera)
- Particle Physics - University of Geneva (Coursera)
- English Composition - Duke University (Coursera)
- Coursera Certificate in Dense Gases, Liquids, Solids
- Coursera Certificate in General Chemistry
- Coursera Certificate in Vector Calculus for Engineers

PROFESSIONAL EXPERIENCE

Process Engineer

Covenant University | September 2023 – July 2024

- Spearheaded the design of an industrial-scale system to produce activated carbon, bitumen, and styrene-butadiene rubber from waste tyre pyrolysis.
- Managed project timelines and ensured deliverables were met ahead of schedule.
- Collaborated across teams to optimize processes and achieve technical and business milestones.

Research Intern

Fanch Energy Limited | March 2023 – September 2023

- Conducted market research to inform business strategy and identify growth opportunities.
- Analyzed data trends and delivered actionable insights to stakeholders.
- Created reports and presentations to support decision-making processes.

Research Intern

Neconde Energy Limited / July 2022 – September 2022|

- Worked as part of the Technical Team of Engineers, contributing to various projects and operational tasks.
- Conducted research and analysis to support engineering decisions and optimize processes.
- Applied chemical engineering principles to solve technical challenges and improve efficiency.
- Collaborated with team members to develop innovative solutions for energy projects.

CORE SKILLS

Product & Project Management

- Roadmap creation, task prioritization, and stakeholder communication
- Experience in defining user needs and aligning product features to business goals

Data Analysis & Decision-Making

- Proficient in Microsoft Excel for data analysis and reporting
- Skilled in leveraging research insights to inform strategies

Process Optimization

- Expertise in process design tools like Aspen Plus and AutoCAD
- Ability to identify bottlenecks and implement resource-efficient solutions

Leadership & Collaboration

- Adept at managing cross-functional teams and fostering collaboration
- Strong presentation, communication, and stakeholder management skills

PROJECTS & ACHIEVEMENTS

- Led a cross-functional team in delivering a sustainable product solution, achieving efficiency gains of 15%.
- Completed ZarrTalent Academy Product Management course, gaining hands-on experience in product lifecycle management.

ADDITIONAL INFORMATION

- **Languages:** Fluent in English
- **Interests:** Data-driven decision-making, user-centric design, and sustainable solutions

