

**NANGOSYAH TOM WELLARD**  
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## **PROFESSIONAL SUMMARY**

Results-driven professional, adept at leveraging data analytics, machine learning, statistical modeling, and bioinformatics to drive innovation in health sciences and research. Experienced in project management, stakeholder engagement, and strategic planning within various sectors, including renewable energy, micro-finance, and agriculture. Passionate about applying data-driven insights to healthcare, life sciences, and development sectors.

## **CORE SKILLS**

- Data Science & Analytics (Python, R)
- Bioinformatics & Statistical Modeling
- Machine Learning & Predictive Analytics
- Data Visualization & Interpretation
- Health Sciences Research
- Project Management & Strategy Development
- Research & Technical Writing
- Data Management & Reporting
- Stakeholder Engagement & Cross-Functional Collaboration
- Innovation & Process Improvement

## **PROFESSIONAL EXPERIENCE**

### **Research and Development Consultant at EnerGrow Uganda, January 2022 – July 2024**

- Analyzed large-scale data to optimize asset financing models and enhance decision-making.
- Applied machine learning and predictive modeling for business impact assessment.
- Developed and maintained data pipelines for KPI tracking and performance monitoring.
- Led stakeholder engagement for funding initiatives, securing partnerships with multiple organizations including EEP, Doen Foundation, MECS Co, IMEU, GIZ, EnDev and CEI etc
- Authored technical reports and documentation, streamlining data-driven reporting processes.

### **Expansion Manager at EnerGrow Uganda, January 2021 – December 2022**

- Led EnerGrow's expansion into new locations, including launching a new branch.
- Engaged stakeholders to establish offices in new locations.
- Conducted feasibility research for new business models and entry strategies.

### **Project Manager at EnerGrow Uganda, Remote, August 2020 – December 2021**

- Managed a pilot asset financing project, overseeing research, execution, and impact evaluation.
- Conducted data analytics on business performance, influencing operational strategies.
- Coordinated with international partners to optimize donor financing activities.

### **Research and Data Analyst at EnerGrow Uganda, February 2018 – December 2019**

- Designed and implemented a pilot asset financing loan program, impacting over 250 SMEs.
- Developed data collection tools and reports for impact assessment and funding proposals.
- Led field research teams in collecting and analyzing over 4,000 surveys.

### **Research Associate at Inachee Uganda, April 2016– December 2017**

- Conducted sector analysis to inform business plans and financial modeling.
- Managed data repositories and facilitated research monetization strategies

### **EDUCATION**

#### **Master of Statistics and Data Science (Bioinformatics)**

*University of Hasselt, Belgium (2022 - 2025)*

- **Focus:** *Statistics, Computational Biology, Machine Learning and Data Analytics in Health Sciences*
- **Thesis:** *Exploring the Diagnostic and Prognostic Potential of OCT Data in Multiple Sclerosis*

#### **Bachelor of Science in Quantitative Economics**

*Makerere University, Kampala, Uganda (2017)*

### **LANGUAGE**

English: Full professional proficiency

### **REFERENCES**

Aaron Leopold, CEO, EnerGrow [aaron@ener-grow.com](mailto:aaron@ener-grow.com)

Prof. Dr. Dirk Valkenburg, Proffesor, UHasselt, [dirk.valkenborg@uhasselt.be](mailto:dirk.valkenborg@uhasselt.be)

Dr. Axel-Jan ROUSSEAU, Researcher, UHasselt, [axeljan.rousseau@uhasselt.be](mailto:axeljan.rousseau@uhasselt.be)