# Pauline Korukundo

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# Summary

Experienced Electrical Engineer with 8 years of experience in project management, systems engineering, and product development. Proven ability to design, develop, and implement control systems for various applications.

# Education

Master of Science in Computer Science, Purdue University Fort Wayne, Indiana, USA, May 2025 (GPA: 4.0)

Master of Science Electrical and Electronic Engineering, University of Nottingham, UK, Dec 2015

BSc. Telecommunications Engineering, Makerere University, Kampala, Uganda, Jan 2012 (CGPA: 4.15/5)

# Experience

**Vehicle Integration Manager**, Kiira Motors Corporation, Kampala, Uganda, May 2016 - May 2021

Led the technical team on the Bulamu Medical Ventilator Project and developed control logic.

Developed, validated, and maintained control software for prototype vehicles.

Developed test specifications, datasheets, statements of work, and standards for Road Vehicles in Uganda.

**Researcher - Vehicle Electronics and Information Systems**, Kiira Motors Corporation, Kampala, Uganda, May 2013 - April 2016

Developed firmware for vehicle control units and performed vehicle and system-level testing.

Led the Kiira EV SMACK hybrid vehicle project as an Assistant Project Manager.

Saved the company $10,000 by upgrading vehicle control units and software without purchasing additional tools.

**Product Validation Engineering Intern**, Daimler Truck North America, Freightliner Custom Chassis, South Carolina, USA, May 2024 - August 2024

Conducted Hardware in the Loop Testing using MATLAB/Simulink.

Developed models for a test bench for a vehicle control module using a real-time simulator.

# Awards and Honors

Project Management Professional (PMP) Certification, Dec 2022 - Nov 2025