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Jospeter K. Jonathan

EDUCATION	The University of Dodoma (UDOM), Dodoma, Tanzania Bachelor of Science in Physics, **GPA: 4.1**

PROJECTS

Supervisors: Prof. PVK Rao and Dr. Benard Mwankemwa
- *Solar Panel Output Voltage Prediction Machine Learning Model,*
- *Drug Discovery and Analysis Machine Learning Model*
- *Intelligent Security Camera*
- *A Vehicle Safety System with Vision Intelligence for Accident Detection and Vigilance,* **(Final year Project)**
  (These projects can be viewed in my website: https://www.jospeterjonathan.tech/)

SKILLS

- Programming Languages: R, Python, MATLAB, C, C++, JavaScript, Typescript
- Microcontroller and Microprocessor
- Circuit design
- Relational & Non-relational Database
- Microsoft Office
- Version Control: Git, GitHub
- Assembly Level Programming

HONORS AND AWARDS

- ➢ A special honour certificate for the International Astronomy and Astrophysics Competition of 2023
- ➢ Best Department and College project 2024
- ➢ **Patent grant**, titled as "A VEHICLE SAFETY SYSTEM WITH VISION INTELLIGENCE FOR ACCIDENT DETECTION AND VIGILANCE", under patent number TZ/P/2024/000118.

HACKATHON AND SERVICES

- UDOM AI COMMUNITY member
- 2023, Presentation for the Solar Panel Output Voltage Predictor at DALILA Projects

REFERENCES

Prof. PVK Rao (e-mail: pvkrao76@gmail.com); phone: +255 687 556 039
- Professor at The University of Dodoma, Physics Department
- o Dodoma, Tanzania
- ❖ Prof. Rao is undergraduate supervisor

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