



## DEDAN KIMATHI UNIVERSITY OF TECHNOLOGY

### Our Vision

*“To be a premier technological university, excelling in quality education, research and technology transfer for national development”*

### Our Mission

*“To provide an academically stimulating, culturally diverse and quality learning environment that fosters research, innovation and technology development towards producing relevant technical and managerial human resource and leaders to contribute to attainment of national development goals.”*

## RESEARCH INTERNSHIP OPPORTUNITIES IN THE CENTRE FOR DATA SCIENCE AND ARTIFICIAL INTELLIGENCE (DSAIL)

### 1. RESEARCH INTERN

#### Job Specifications

- i. Candidates with a Bachelor's degree in engineering, computer science, information technology or related field.
- ii. Candidates who will have completed their undergraduate course and will be awaiting graduation can apply.
- iii. Computer programming experience in either Python, C/C++, or R is desirable. The candidate's CV should include a link to an online repository containing coding samples (eg. GitHub)
- iv. The candidates must have a keen interest in developing machine learning and internet of things (IoT) applications in areas such as health, agriculture and environmental conservation.
- v. Prior experience in developing machine learning, IoT or related applications is desirable.
- vi. Experience with electrical hardware design and electronic design automation software is desirable.
- vii. The interns will be engaged for six months initially after which those with outstanding performance will be considered for contract renewal.

#### Responsibilities

Research Interns shall be expected to work for **40 hours per week** on average. Specific duties are as follows;

- i. Investigate machine learning methods for various applications
- ii. Design and fabricate IoT devices for data collection
- iii. Develop data collection pipelines for IoT applications
- iv. Produce technical reports on tasks performed
- v. Any other duty that may be assigned by an authorized officer.

### **How to Apply**

1. All applications should be done on <https://recruitment.dkut.ac.ke>, or [hr@dkut.ac.ke](mailto:hr@dkut.ac.ke).  
**Hard copies will not be accepted.**
2. Each application shall be accompanied by a cover letter highlighting prior projects in machine learning, data science or related field, detailed curriculum vitae, copies of academic and professional certificates and relevant transcripts, national identity card or passport, testimonies, and other relevant supporting documents.

**Deadline:** Applications must be received on or before **8<sup>th</sup> June, 2023 by 5.00 P.M**

### **To note:**

- i. *Successful candidates for the position of an intern will be remunerated in accordance with the internship policy.*
- ii. *Dedan Kimathi University of Technology is an equal opportunity employer. Applicants of either gender, any ethnicity, persons with disabilities and those from marginalized areas are encouraged to apply*
- iii. *Only shortlisted candidates will be contacted*