



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 must have a holder of a first-class honors or Second-class Upper division in Bachelor of Science Degree in Electrical and Electronic Engineering, Computer Science or Telecommunication and Information Engineering from DeKUT or any other institution recognized by the Senate.
- ii. The candidates must have a good understanding of undergraduate level calculus, linear algebra and probability with a minimum grade of B in the relevant course units.
- iii. The candidates must have demonstrable computer programming experience in Python and C/C++. 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. Experience with electrical hardware design and electronic design automation software is desirable.
- vi. The interns will be engaged on six months initially after which those with outstanding performance and meet the entry criteria will be considered for a scholarship to pursue Master of Science in Telecommunication Engineering at Dedan Kimathi University of Technology which is funded by the Canadian International Development Research Centre.

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.
Hard copies will not be accepted.
2. Each application shall be accompanied by detailed curriculum vitae, copies of academic and professional certificates, national identity card or passport, testimonies, and other relevant supporting documents.

Deadline: Applications must be received on or before **7th December, 2020 by 5. 00 P.M**

To note:

1. *Successful candidates for the position of an intern will be remunerated in accordance with the internship policy.*
2. *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*
3. *Only shortlisted candidates will be contacted*