

University of Dar es Salaam



College of Information and Communication Technologies (CoICT) Department of Computer Science and Engineering

Job Opportunity for 2026 Final Year Students at CoICT Position: Talented Systems Analyst

July 2026

Background

The Department of Computer Science and Engineering (CSE) has a long history of providing professional expertise and technical computing support to the public and private sectors. In addition to its core research, innovation, and training activities, it offers software development and technical support in designing, developing, implementing, and evaluating innovative digital systems and applications for Government Ministries, Agencies, and other organizations.

UDSM DHIS2 lab is one of the various initiatives under the CSE Department spearheading open software development and has played a critical role in adopting, designing, and implementing open-source DHIS2 and other digital health solutions in Tanzania for over the past 20 + years. The CSE Department, through the UDSM DHIS2 lab, runs various research and consultancies in digital systems development and data analytics to meet the demands of government ministries, departments, agencies, non-governmental organizations, private healthcare providers, and development partners. The lab team also works collaboratively with the global open-source communities to advance open-source products, and it supports several developing countries in adopting and implementing the DHIS2, OpenMRS, and other related products.

The CSE department is eager to attract the best candidates from the CoICT 2024 graduating students. We invite talented final-year students to apply for a contractual engagement as a Systems Analyst under the UDSM DHIS2 Lab, a unique opportunity to contribute to our impactful work in various social and business sectors.

Job Title: Information Systems Analyst

Positions: 1

Location: ColCT Kijitonyama Campus, UDSM

Key Duties/ Responsibilities

The successful candidates shall be involved in software systems specifications, particularly the analysis of business processes, information systems, and other digital solutions.

Specific duties will include:

- Analyse information systems to meet clients' business needs
- Talk to information system users and clients in gathering requirements
- Develop specifications and requirements for developers/ programmers to follow
- Support information system users
- Coordinate and conduct user training
- Collect feedback from system users
- Write technical reports on requirements gathering process, system development process, system analysis and quality assessment, system implementation activities
- Monitor and report the effectiveness of implemented information systems
- Participate in writing research publications
- Develop protocols for system testing and user acceptance tests.
- Analyse and create system quality tests
- Conducting system test and user acceptance tests (UAT)

Academic qualifications

Final year students at ColCT doing Bachelor of Science degree in:

- Computer Science (BSc CS)
- Computer Engineering and Information Technology (BSc CEIT)
- Business Information Systems (BSc BIT)
- Telecommunication Engineering (BSc ET)
- Electronic Science (BSc ES)
- Electronic Engineering (BSc EE)

Key Qualifications

- Excellent analytical skills, creative thinking, and problem-solving skills.
- Strong interpersonal skills and excellent communication skills.
- Attention to detail.
- Proven knowledge and skills in information systems development.
- Reasonable knowledge of system development technologies and their application.

Added advantages

- Knowledge and experience in software version control techniques and tools.
- Ability to travel upcountry when needed and flexibility on working hours and schedules

Terms and Remunerations

- Attractive salary and opportunity to learn from experienced systems analysis and software developers.
- Possibility of extending your contract based on performance and successful completion of your degree programme.

How to apply

- Interested candidates may forward their applications with cover letters addressed to:
*Head of Department
Computer Science and Engineering Department,
UDSM College of Information and Communication Technologies,
P.O. Box 33335, Dar es Salaam.*
- Applications (cover letters) should be accompanied by detailed curriculum vitae (CVs) and evidence of academic credentials (provision results by the end of the first semester of the final year).
- The applications should be e-mailed ONLY to dhis2ajira@gmail.com no later than 16th August 2026. Manual/physical applications and incomplete applications will not be considered. For any clarification, please write to the provided email address.
- Shortlisted candidates will be invited to participate in a written and oral interview.