Edit profile

Betelhem Zewdu Wubineh

Data Analyst and Researcher

Based in Wroclaw, Poland

ABOUT

I graduated in information technology from Bahir Dar University, Ethiopia, and am currently seeking a job within the tech solutions industry.

SKILLS

Python SQL Data Visualization HTML CSS JavaScript

PROJECTS

Edit projects Reorder

Cervical Cell Classification using RES_DCGAN Augmentation and ResNet50V2

Python Data Visualization

We proposed a novel residual deep convolutional generative adversarial network (RES_DCGAN) for data augmentation and the ResNet self-attention method to classify cervical cells to improve the generalizability and performance of the model. The proposed method involves adding residual block.

Read more →

Segmentation of Cytology Images to Detect Cervical Cancer

Python Data Visualization

This study aims to detect cervical cancer by identifying the cytoplasm and nuclei from the background using deep learning techniques to automate the separation of a single cell.

Read more →

EXPERIENCE

Edit experience

2017-2022

Lecturer, Junior researcher, and Data analyst

Python SQL Data Visualization HTML CSS JavaScript Machine Learning algorithms

2020-2022

Head of IT Department

I have a leadership skills led and coordinated departmental activities and academic initiatives, designed and delivered ICT training programs for students and staff, and prepared, reviewed, and managed departmental technical documents.

Leadership skills Teamwork Collaboration

EDUCATION

Edit education

2010-2014

Information Technology at University of Gondar

Bachelor's Degree in Information Technology at the University of Gondar

2015-2017

Information Technology at Bahir Dar University

I completed an MSc in Information Technology, with coursework spanning research methodology, IT project management, distributed systems, human–computer interaction (HCI), and networking systems. This program provided strong foundations in research design, project planning, system architecture, user-centered design, and network technologies.

2022 - Present

Computer Engineering at Wroclaw University of Science and Technology

Currently, I am a PhD student at Wroclaw University of Science and Technology, and I am working in the field of medical image processing and deep learning.