

MD GOLAM MOCTADER

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Vantaa, Finland md-golam-moctader Moctader



PROJECTS

Project 1

Predicting collagen orientation of microcomputed tomography imaged articular cartilage using deep learning.

Moctader/Master_thesis

Project 2

Clustering the Fourier-transform infrared spectroscopy (FTIR) imaged articular cartilage using Machine Learning.

Moctader/Practrical-Training-FTIR-

EDUCATION

M.H.Sc Biomedical Engineering

University of Oulu, Finland

Sept 2018 – Jul 2020

M.Sc. Physics

Mawlana Bhashani Science and Technology University, Bangladesh.

Sept 2017 – Oct 2018

B.Sc. Physics

Mawlana Bhashani Science and Technology University, Bangladesh.

Jan 2012 – Sep 2017

EXPERIENCE

Senior Production Specialist

Swappie Oy

Mar 2021 – Apr 2023

Helsinki, Finland

- Coordinated daily production activities, ensuring adherence to quality standards and meeting production targets within tight deadlines.

Thesis worker

University of Oulu

Oct 2019 – Jul 2020

Oulu, Finland

- Developed and implemented a deep learning model using Pytorch to classify medical images of the human knee articular cartilage.
- Conducted extensive experiments and data analysis using Python and PyTorch to optimize hyperparameters and improve the performance of a deep neural network.

CAREER OBJECTIVE

Great team player willing to be an important part of a well-reputed organization, so that I can impart my knowledge towards the benefit of the organization.

SKILLS

Python	● ● ● ● ●
MySQL	● ● ● ● ●
C	● ● ● ● ●
C++	● ● ● ● ●
Linux	● ● ● ● ●
Microsoft Office	● ● ● ● ●
Git	● ● ● ● ●

ABILITIES

Leadership	● ● ● ● ●
Fast Learner	● ● ● ● ●
Teamwork	● ● ● ● ●

LANGUAGES

English	● ● ● ● ●
Finnish	● ● ● ● ●

HOBBIES

Sports
Travel
Photography
Reading