



Mohammad Nafees Bin Zaman

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- 🌐 Google Scholar
- 🌐 LinkedIn
- 🐙 GitHub

By profession, I talk to **Robots** and attempt to figure out how they **See** me. My fellow humans sometimes call me a **Computer Vision** engineer. By nature, I prefer discussions about **Deep Learning** with humans and value the essence of reality.

EDUCATION

EMJ Master in Intelligent Field Robotic Systems

GPA: 8.79/10.0 (Scholarship Rank: 1st)

University of Girona and University of Zagreb 📍

2021 – 2023 📅

BSc in Computer Science

GPA: 3.90/4.00

Specialization: Data Science and Computational Intelligence

International Islamic University Malaysia 📍

2016 – 2020 📅

SELECTED PUBLICATIONS

Data-driven Dynamic Clustering Framework

Nafees Zaman - 2nd Author 🧑

Sustainable Cities and Society - IF: 10.696 📄

Link 🔗

SPY-BOT: ML-Enabled Post Filtering for Social Networks

Nafees Zaman - 2nd Author 🧑

Ad Hoc Networks - IF: 4.816 📄

Link 🔗

Other Publications are on Google Scholar

PROJECTS

Object Detection model for Robotic Perception

Architecture: SSD(MobilenetV2)

Dataset - COCO ; Integrated - ROS and Voxel51

Stereo Visual Odometry

Performance Evaluated on KITTI Dataset

GitHub Link 🐙

More Projects are on GitHub

EXPERIENCE

Summer Intern

EU Horizon 2020 Project:

DeeperSense - Deep Learning for Multimodal Sensor Fusion.

Implemented several encoder-decoder-based deep learning models for real-time side scan sonar image segmentation. Also, modeled an end-to-end training and testing pipeline.

📍 VICOROB, Girona, Spain

📅 June 2022 – August 2022

Junior Researcher

Analyzed data from vehicular sensors, created a curated dataset from the sensor data and implemented machine learning algorithms for predictive modeling.

📍 IBM CoE and University Malaysia Pahang

📅 February 2020 – May 2021

TECHNICAL EXPERTISE

Programming Languages

●●● Python ●●○ MATLAB

●●○ SQL ●○○ C++

Frameworks & Miscellaneous

● PyTorch ● OpenCV ● ROS ● Docker

● Flask ● Git ● \LaTeX ● Tableau ● Figma

HONORS AND AWARDS

🏆 Gold Medal - NIIC 2019, Malaysia

🏆 Best Innovation Award - MTE 2020

🏆 Best Final Year Research Project, IIUM

🏆 Nasa Space App Challenge - 2nd Runner Up