

SRIRAM AKELLA

sriramakella@proton.me | github.com/Srm-Akla

EDUCATION

Masters in Artificial Intelligence and Internet of Things

University of Agder

2022 – Active

Grimstad, Agder

Bachelors in Electronics Enginnering

University of Agder

2018 – 2022

Grimstad, Agder

WORK EXPERIENCE

IT Technician

University of Agder

2022 – Active

Grimstad, Agder

- Responding to client's requests and assisting client with general desktop, software and network support.
- Managing and troubleshooting equipment to ensure that they are running optimally.

Dance Instructor

Kom og Dans

2022 – Active

Grimstad, Agder

- Teaching swing dancing for students from beginner to advanced levels.

Lab Assistant

Mechatronics Innovation Lab

2023 – 2023

Grimstad, Agder

- Assisting the professor with lectures, projects, etc. Maintenance of lab equipment.

Internship

Mechatronics Innovation Lab

2023 – 2023

Grimstad, Agder

- Using machine learning algorithms to solve problems that arise while 3D-printing of cement.

PUBLICATIONS & PROJECTS

Bluetooth-based Parking Spot Occupancy Detection | Journal

- Wavelet-based Transform for Bluetooth-based Parking Spot Occupancy Detection using Convolutional Neural Network

Federated Learning for UAV-assisted wireless network | Journal

- Federated learning for finding the small-world networks in a cluster of randomly positioned UAVs
- Analyze transmission delay, energy consumption, and throughput for the small world network.

Classification of drones and birds using thermal and depth camera | Thesis

- Model trained to classify birds or drones, trained with custom dataset using thermal and depth camera.

Object Detection in Autonomous Vehicles | Project

- Application of computer vision techniques to developed a software that can detect humans, vehicles, roadlanes from an autonomous vehicle's perspective.

VOLUNTEER EXPERIENCE

Vice-Campus Manager

Erasmus Student Network

2019 – Active

Grimstad, Agder

- Assist exchange students with integration into Norwegian life.
- Plan and arrange events, collaborate with other student associations and etc.

Coordinator

UngswingSør

2019 – Active

Grimstad, Agder

- Plan and arrange dance events, collaborate with other organizations and etc

SKILLS

Tools & Frameworks: Linux, Git, Tensorflow, Pytorch, Pandas, Numpy, Scikit-Learn

Programming Languages: Python, C, C++ , Bash, R, VHDL, Lua

Languages: English, Norwegian, Hindi, Telugu