SRIRAM AKELLA

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EDUCATION

Masters in Artificial Intelligence and Internet of Things   2022 – Active
University of Agder   *Grimstad, Agder*

Bachelors in Electronics Enginnering   2018 – 2022
University of Agder   *Grimstad, Agder*

WORK EXPERIENCE

IT Technician   2022 – Active
University of Agder   *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   2022 – Active
Kom og Dans   *Grimstad, Agder*
- Teaching swing dancing for students from beginner to advanced levels.

Lab Assistant   2023 – 2023
Mechatronics Innovation Lab   *Grimstad, Agder*
- Assisting the professor with lectures, projects, etc. Maintenance of lab equipment.

Internship   2023 – 2023
Mechatronics Innovation Lab   *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   2019 – Active
Erasmus Student Network   *Grimstad, Agder*
- Assist exchange students with integration into Norwegian life.
- Plan and arrange events, collaborate with other student associations and etc.

Coordinator   2019 – Active
UngswingSør   *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