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Biram Bawo

About Me I am a graduate student in the Mechatronics Engineering department at Sabanci University, where I am supervised by Dr. Ahmet Onat. I am doing research in the area of reinforcement learning. We are working on developing reinforcement learning methods for dynamical systems/robots. I am equally interested in robot perception and will be looking for interesting projects in this area.

Education

2020 - 2022, Sabanci University

MSc in Mechatronics Engineering

2016 - 2020, Gaziantep University

BSc in Electrical and Electronics Engineering

Interests

Professional

Robotics, Reinforcement Learning, Computer Vision

Experience

February 2020 - June 2020, Embedded Systems (R&D) Intern, KontrolMatik

Worked on developing a full stack(Hardware&Software) IoT platform using the LoRa development board.

Projects

2020, Machine Learning, Computer Vision , Course Project

A Comprehensive Analysis of Different Machine Learning Algorithms used in Depth Estimation from Stereo Imagery

2019, Robotics, Autonomous Car, Graduation Project(Bachelors)

Worked on building a robot-taxi to taxi passengers from pick-up to drop-off locations using coordinates that are communicated wirelessly.

Software Development Skills

Programming

- C
- Python
- C++
- Matlab

Hardware Experience

- Raspberry Pi
- PIC
- Arduino / ESP

Libraries

- Keras
- Pytorch
- OpenCV

Awards

2015, Turkish Government Scholarship, Gaziantep University

Awarded to the top students from each country.