

Hussein Kobeisi

Computer & Communications Engineer



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During my engineering studies, I delved into Machine Learning, showcasing my passion through a Reinforcement Learning project that achieved drone control. Now, I'm on the lookout for opportunities to deepen my expertise and contribute to the evolving landscape of Reinforcement Learning.

Education:

Computer & Communications Engineering Lebanese University – Faculty of Engineering

Sept - 2023, Rank: top 25%

Courses:

- Machine Learning
- Robotics
- Microprocessors
- Advanced Control
- Data analysis
- Project Management
- Actuators & Sensors

Projects:

- Reinforcement Learning Drone Swarm Control
 - Ai control of swarm of agents using a decentralized model
 - Reinforcement learning using PPO
 - Development of training environment and simulations in Unity Engine
 - Training for multi-agent interactions
 - Iteration over several training methods
- Image Classification
 - Training & deployment of image classification model
 - Implementation of model using Keras
- Data Analysis
 - Study and analysis of large data for battery health study
- Garage control system
 - Automated garage system implemented purely in logic circuits
- Several Microcontroller & Robotics Projects
 - Computer vision controlled robot

Skills

- Reinforcement Learning
- C/C++
- Tensorflow
- Cuda
- Arduino
- Unity Engine
- Python
- C#
- OOP
- Computer Vision
- Raspberry Pi
- Good Communication
- Problem Solving
- Team Member
- Adaptability
- Quick Learning

Work Experience:

- Analog Engineer
 - Ubi-lite*
 - Design of analog circuits for embedded systems
- Mobile Development
 - eSchool*
 - Built a complete app within first month
 - Implementation of camera and location services
 - Connected real-time database (Firebase)

Languages:

- Arabic ● ● ● ● ●
- English ● ● ● ● ●
- French ● ● ○ ○ ○