

KHOULOU DAHER

COMPUTER AND TELECOMMUNICATIONS ENGINEERING | Master's IoTSS - STUDENT

PROFILE

Motivated Computer and Telecommunications Engineering student with a strong academic background, practical project experience, and a passion for innovation. Quick learner with excellent problem-solving skills and the ability to collaborate in team-based environments. Actively seeking a remote internship opportunity in Artificial to leverage my skills and contribute to groundbreaking advancements in the field.

EDUCATION

Lebanese University – Faculty of Engineering – Branch 1

- Diploma in Computer and Telecommunications Engineering
2019 – present
Courses:
 - Machine Learning
 - Big Data & Cloud Computing
- Master's in IoT and Smart Systems
2023 – present
Courses:
 - Data engineering/ Analytics in smart systems
 - Machine Learning and Artificial Intelligence
 - Deep Learning for IoT
 - Artificial vision for smart systems
 - Cloud Computing/ Cluster Computing

PROJECTS

Machine Learning- Data scientist salaries prediction

- Loading and verifying a dataset of salaries for data science and engineering positions using Python.
- Exploring the data structure and visualizing the data using Python libraries.
- Cleaning and preprocessing the data. Selecting relevant features.
- Building predictive models using linear and polynomial regression

Deep Learning- CAN Intrusion Detection

This project fights cyberattacks in vehicles. It uses deep learning to analyze timing patterns in car messages (CAN) to detect malicious messages. By analyzing these patterns, the system can differentiate between normal operation and an attack. This research explores various deep learning models to improve in-vehicle cybersecurity.

Reinforcement Learning in Car Racing Game

Employed reinforcement learning (DQN, SARSA, Q-learning) to train an AI agent for a car racing game. The agent learned optimal racing strategies through self-play.

CONTACT

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- 🌐 <https://github.com/KhouloudDaher>
- 🏠 Danniyeh - Lebanon

LANGUAGE

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

EXPERIENCE

- Telecommunication Engineer Trainee
at OGERO: July-September 2023
- Software Engineer Intern
at VBOUT: Mars-April 2023

PERSONAL SKILLS

- Self learning
- Time management
- Teamwork
- Friendly and sharp

PROFESSIONAL SKILLS

- Python
- Web development
- C#
- OOP
- UML
- MS SQL Database

TOOLS & TECHNOLOGIES

- MS Word - MS PowerPoint
- Cisco Packet Tracer
- Wireshark
- MATLAB
- Visual Studio - Visual Studio Code
- Arduino IDE