

EV Academy Pakistan - Internship Opportunity

Project Overview:

The EV Academy Pakistan is seeking a highly motivated engineering intern to contribute to the development of EVSim, an open-source simulation software for Electric Vehicles (EVs). EVSim is being built on the Unity game engine and leverages Simulink/MATLAB for in-depth vehicle modeling.

Responsibilities:

- Work collaboratively with the EV Academy team to develop and enhance functionalities within EVSim.
- Utilize your expertise in MATLAB/Simulink to create and integrate EV powertrain models.
- Employ Unity development skills to design a user-friendly interface for EVSim.
- Conduct thorough testing and debugging to ensure the software functions as intended.
- Document development processes and maintain clear code for future reference.

Qualifications:

- Currently enrolled in an Engineering program (preferably Electrical, Mechanical, or Automotive Engineering).
- Basic understanding of electric vehicle concepts and their functionalities.
- Proven proficiency in MATLAB/Simulink for modeling and simulation.
- Basic understanding of Unity game engine development (a plus).
- Excellent problem-solving and analytical skills.
- Ability to work independently and manage time effectively.
- Strong communication and collaboration skills.

Benefits:

- Opportunity to gain valuable experience in electric vehicle simulation software development.
- Work directly with experienced professionals and EV industry experts at the EV Academy.
- Receive a certificate of recognition upon successful completion of the internship.
- Gain a LinkedIn endorsement from a Director of the EV Academy.
- One-on-one mentorship and guidance from EV Academy Directors.

Note:

This document outlines the core details of the internship. Further information, regarding specific tasks and project timelines, will be provided during the interview process.

Interested candidates with a strong engineering background, a passion for electric vehicles, and a dedication to completing a functional EVSim model are encouraged to apply.