JEONGMIN OH

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EDUCATION

Pukyong National University (PKNU), Busan, Korea

Candidate for Bachelor of Science degree in Mechanical Engineering, February 2022

- Relevant coursework: Dynamics, Thermodynamics, Solid Mechanics, Fluid Mechanics, Control Engineering, Programming, Robotics, Application of Microprocessor, Principle of Heat Transfer
- 4.19/4.5 GPA

Gwangju Institute of Science and Technology (GIST), Gwangju, Korea

EXPERIENCE

Automotive Research Club

Student Formula Design and Fabrication, May 2016 – 2021

- Designed and fabricated various vehicles such as Baja, EV and Formula
- Tested and experiment vehicle performance

PROJECTS

Diagnosis of Electric Vehicle Powertrain

Hyundai Motor Company

- Developed diagnosis deep learning model to classifying fault components in drivetrain of EV
- Developed deep learning model for operational transfer path analysis (OTPA)

Diagnosis of Operating Nuclear Power Plant

Korea Atomic Energy Research Institute (KAERI)

- Developing diagnosis deep learning model for RCP-VMS
- Anomaly detection in transient condition and fault classification by orbit plot

SKILLS

Technologies: Python, PyTorch, MATLAB, TOEIC 840, PHM

Soft Skills: creativity, communication, collaboration, reliability