

Lejun Wang

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EDUCATION

University of Michigan - Ann Arbor, MI

09/2022-05/2025

Master of Automotive and Manufacturing Engineering Master

GPA 3.86/4.00

Relevant Coursework: Integrated Vehicle Systems Design, Battery Systems and Control, Modeling Analysis and Control of Hybrid Electric Vehicles, Smart Manufacturing Systems

China Agricultural University - Beijing, China

07/2016–06/2020

Bachelor of Vehicle Engineering

- Graduated as Summa Cum Laude GPA
- Honor Society Scholarship
- President of Vehicle Enthusiasts Association (08/2017-07/2018)

INTERNSHIP AND WORK EXPERIENCES

Qcraft (Self-driving minibus company)

Project Management Intern, PM - Beijing, China

08/2021-04/2022

- Assisted the project management monitoring and tracking the progress of resource manipulation.
- Conducted testing on predetermined routes to evaluate hardware performance and stability, providing feedback for continuous improvement.
- Collected and Analyzed issues encountered during self-driving road tests to enhance self-driving safety solutions.
- Collaborated with other stakeholders for project planning and addressing on-call questions.

State Key Laboratory of Automotive Safety and Energy in Tsinghua University

Research assistant - Beijing, China

12/2019–06/2020

- Conducted capacity tests and lower-temperature cycle tests on new energy vehicle power batteries as part of an ultrasonic testing power battery defect research project.
- Analyzed and computerized data from battery cycle experiments, providing valuable insights for further improvement.
- Performed the recycling of soft pack batteries at low temperatures and skillfully disassembled them in the glove box.

Bosch Automotive Diesel Engine System Co., Ltd

Assistant engineer, Engine and Vehicle Lab - Wuxi, China

06/2019-09/2019

- Trained on emission regulations and technical routes from official protocols, prepared for internal engine tests.
- Supervised and recorded data during the WHTC (World Harmonized Transient Cycle) after Diesel Particulate Filter (DPF) regeneration, while also helping in resolving unforeseen challenges during the calibration.
- Participated in the modification, setup, and rigorous testing of the 48V hybrid system for diesel engines, gaining insights into effective approaches to address increasingly stringent emission regulations

RESEARCH EXPERIENCE

A Fruit Harvesting Robot in Orchard

Undergraduate team leader

05/2018-09/2018

- Led the team to achieve the prestigious Outstanding Award in the China Agricultural Competition.
- Received comprehensive training in the areas of robots' automatic identification and harvesting, control system theories, and applications of computer image recognition.
- Successfully designed the robot by effectively managing CAD drawings and overseeing the laser cutting process.
- Constructed and troubleshooted the robot, resulting in a remarkable reduction of harvesting time from 20 to 12 seconds and a significant increase in harvesting rate by 15%.

SKILLS

Resume

<https://www.linkedin.com/in/your-linkedin>

Solidworks, CAD, Comsol. MATLAB, Python, Microsoft Office