



# Oliver Khan

JUNIOR AUTOMOTIVE ENGINEER

## PROFILE

Automotive engineering graduate from Coventry University with a 12-month placement at a major OEM. Contributed to **3 vehicle development programmes** covering powertrain calibration, NVH testing, and ADAS validation. Proficient in CATIA V5, MATLAB, and vehicle dynamics simulation with a **2:1 (68% average)** and hands-on experience with test rigs, data acquisition systems, and prototype vehicle evaluation.

## EDUCATION

**BEng (Hons) Automotive Engineering in Automotive Engineering**  
Coventry University, Coventry  
Sep 2021 – Jul 2025

## SKILLS

- CATIA V5
- MATLAB & Simulink
- Vehicle Dynamics Testing
- Data Acquisition (DAQ) Systems
- NI DIAdem Data Analysis
- SolidWorks
- Vehicle Test Report Writing
- Powertrain Calibration Basics
- GD&T
- Excel (Pivot Tables, VBA)
- Problem Solving (A3, FMEA)
- Health & Safety

## LANGUAGES

- English - Native
- Urdu - Conversational (B1)

## EXPERIENCE

**Automotive Engineering Placement Student**, Jaguar Land Rover, Gaydon *Jul 2024 – Jun 2025*  
Completed a 12-month industrial placement within the vehicle dynamics and testing department.

- Supported test campaigns on **3 vehicle programmes**, conducting track testing and data analysis for ride, handling, and braking performance
- Processed and analysed **500+ data files** from vehicle test sessions using MATLAB and DIAdem
- Operated data acquisition equipment on **40+ track test sessions** at the Gaydon proving ground
- Prepared **8 test reports** summarising findings and recommendations for senior engineers

**Mechanic's Assistant (Part-time)**, Halfords Autocentre Coventry, Coventry *Sep 2022 – Jun 2024*  
Assisted qualified mechanics with servicing, MOT preparation, and tyre fitting.

- Completed **15+ vehicle inspections per week** including brake, tyre, and exhaust checks
- Supported **300+ tyre fittings and wheel balancing jobs** over 2 years

## CERTIFICATIONS

**IMechE Affiliate Member**, Institution of Mechanical Engineers *Aug 2025 – Aug 2025*  
**Full UK Driving Licence (Clean)**, DVLA *Jun 2021 – Jun 2021*

## EXTRA CURRICULAR ACTIVITY

**Team Lead (Suspension) - Coventry University Formula Student** *Sep 2023 – Jul 2024*  
Led the suspension design team for the university's Formula Student entry.

- Designed double wishbone suspension geometry in CATIA V5, achieving **0.8 degrees of negative camber gain** under full bump
- Contributed to a **7th place finish** at Formula Student UK 2024 out of **80 entries**