

Amir Shaed

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Personal Statement

A highly motivated and ambitious Vehicle Test Engineer with experience in vehicle testing, focusing on NVH and Performance of vehicle braking systems. Capable of working well under pressure which involves, completing, analysing and delivering test cases. In addition, also experienced in an extensive range of engineering skills, including knowledge of Catia V5, Ricardo Wave and other design packages. Seeking a role that maximises my passion for Vehicle Test Engineering and a challenge step forward in my career within the Automotive Industry.

Employment History

11/2017 – 03/2019 Jaguar Land Rover - Gaydon, Banbury Road, Warwick

Role:

- **Vehicle Test Engineer:** Demonstrated in-depth knowledge of vehicle brake systems, together with proven ability to determine conditions which may influence NVH and Performance improvements.
- Management and participation of test and development programs in the UK and overseas, covering Hot and Cold Environment Squeal evaluations, Judder assessments and Brake Performance and Homologation tests.
- Organisation of test cases and vehicles, inclusive of vehicle preparation, implementation of DAQ systems on-car (LINK 3802 / V-Max, IPEtronik) and subsequent data analysis. Worked in correlation with Lead Engineers in order to assist a smooth progression of existing ventures.
- Demonstrated strong problem-solving ability. Completion of in-depth data analysis using LINK Squeal Report / RevData, NI Diadem, IPEmotion and MS Excel. Understanding and exhibiting strict adherence to health and safety precautions and regulations.

08/2017 – 10/2017 ZF TRW Automotive - Electronics, College Road, Birmingham

Role:

- **Manufacturing Technician:** Working alongside maintenance engineers to problem solve and develop new ideas.
- In depth maintenance carried out on machines across powertrain and braking lines. Being the first port of call for line technicians if they are unable to solve problems themselves.
- Testing products ensuring the safety and quality are kept to a high standard. Monitor and adjust equipment's to improve quality and productivity. Inspect final products ensuring they meet customer specifications.

09/2015 – 08/2017 ZF TRW Automotive - Electronics, College Road, Birmingham

Role:

- **Powertrain Line Technician:** Manufacturing ECU's for Volvo trucks. Responsibilities involve; working with a Soltec machine, using wave solders to connect components to PCB boards.
- Carrying out maintenance across the line to ensure smooth and effective production. Rectifying problems on machines. Using In-Circuit-Tests, Hot Tests and Final Tests to identify any faults on the ECU products.
- **Braking Line Technician:** Responsibilities involve; keeping production running smoothly and effectively. Ensuring the quality of EPB components (Electronic Park Brake) are met.
- Carrying out maintenance on equipment and machines. Fixing problems on machines. Using In-Circuit-Tests and Functional Hot Tests to distinguish any faults during the manufacturing of EPB products.
- Working alongside other teams to ensure fast and reliable production. Testing components before they are sold. Providing braking systems to; BMW, Daimler, Volkswagen and Fiat. Carrying out effective shift handover and communication.

Education

09/2012 – 05/2015

Birmingham City University, Curzon Street, Birmingham, B4 7XG

Degree:

Motorsport Technology, BSc (Hons), 2nd Class, Division 1 Degree (2.1)

Modules:

Elective Project, Powertrain Development, Advanced Prototypes, Entrepreneurship and Innovation, Automotive Digital Design.

09/2013 – 07/2014

2014 Formula Student (FS), Birmingham City University (2nd Year) –

- Participated at the 2014 IMechE (FS) Formula Student Competition, at Silverstone.
- Designed and built a single seat race car, meeting several Rules and Regulations.
- In charge of designing the differential mount, driveshaft's and packaging the drivetrain system.
- Experiencing time lines, deadlines and milestones.
- Working with other teams to optimize the design and build of the Formula Student race car.
- Allowed good communication and team working skills to develop.

09/2010 – 07/2012

Aston Manor Academy Sixth Form, Phillip Street, Birmingham, B6 4PZ

A-Levels:

3D Art and Design: D, ICT: Distinction, Business Studies: C

09/2005 – 07/2010

Aston Manor Academy, Phillip Street, Birmingham, B6 4PZ

GCSE:

8 GCSE's Including English, Maths and Science, A-C.

Interests

- Passion for Motorsports, attended FIA World Rally cross Championships and Blancpain GT Sprint.
- Attended the 2014 Racetech World Motorsport Symposium.
- Previously involved in amateur boxing gaining; discipline, motivation, determination and commitment.
- Exhibitor for Birmingham City University Racing at Autosport International 2014, NEC Birmingham.

Achievements

- Current experience in Automotive Engineering sector for Jaguar Land Rover.
- Jaguar Land Rover Colleague 'Rec-Ignition':
'Dependable' – By Scott Donegan:
Very proactive on recent test trip with forward thinking approach and positive attitude. Very hard working resulting in test trip meeting timing constraints even with initial setbacks.
- Successfully managed elective project on placement at Westfield Sportscars LTD (Developing Westfield MegaS2000 Chassis).
- Hold a Full UK Driving License.

Key Skills

- Languages: English and Bengali.
- Proficient user of Microsoft Office.
- Capable of using a wide range of software's including: NI Diadem, IPEmotion, RevData, LINK Squeal Report (LSR) CATIA V5 and Ricardo Wave.
- Experienced with Data Acquisition System (DAQ) LINK 3802, VMAX and IPEtronik.
- Professional Driving Qualifications: Advanced Driving Course (JLR Class 3), Proving Ground (JLR 1PG), Off Road Capability (JLR ORC Level 1).
- Proving Ground Track Permits: Nardò Technical Centre (Italy), Millbrook (UK), MIRA Horiba (UK), Gaydon Proving Ground (UK).

References – Available up on request