

# MOHD FAIZAL BIN MAHAMAD NAIM

Bachelor's Degree (Hons) of Mechanical Engineering  
Major in Automotive

## CURRICULUM VITAE

Availability: Immediately

### PERMANENT ADDRESS

No. 96, Taman Suria 1,  
Jalan Kodiang,  
06000 Jitra,  
Kedah Darul Aman

### CONTACT DETAILS

Email : faezalnaim@gmail.com  
Mobile : +6013-467 4684



### PERSONAL INFORMATION

<b>NRIC</b>	: 910122-02-5277	<b>Health</b>	: Excellent
<b>Nationality</b>	: Malaysians	<b>Languages</b>	: English, Malay
<b>Gender</b>	: Male	<b>Relocation</b>	: Willingly
<b>Marital Status</b>	: Married	<b>Driving License</b>	: B2, D

### SOFTWARE SKILLS

CATIA V5R21  
AutoCAD  
ANSYS Simulations  
MATLAB & Simulink  
Carsim Simulation  
C++ Programming  
Microsoft Project  
Microsoft Excel  
Adobe Photoshop

### EDUCATIONS

<b>2010-2015</b>	Universiti Teknikal Malaysia Melaka (UTeM) <ul style="list-style-type: none"><li>- Bachelor Degree</li></ul>
<b>2009-2010</b>	Kolej Mara Kulim, Kedah <ul style="list-style-type: none"><li>- Matriculation Programme</li></ul>
<b>2007-2008</b>	Sekolah Menengah Kebangsaan Jitra <ul style="list-style-type: none"><li>- Sijil Pelajaran Malaysia (SPM) Grade: 5A's, 2B's, 4C's</li></ul>
<b>2004-2006</b>	Sekolah Menengah Kebangsaan Jitra <ul style="list-style-type: none"><li>- Penilaian Menengah Rendah (PMR) Grade: 8A's</li></ul>

### WORKING EXPERIENCE

<b>Company</b>	: Permintex Automotive Sdn. Bhd., Kulim Hi-Tech, Kedah.
<b>Position</b>	: Engineer
<b>Duration</b>	: August 2016 – Present
<b>Responsibility</b>	<ul style="list-style-type: none"><li>- Lead the Production &amp; Quality Department focusing on delivery and quality performance for customer Mazda Malaysia Sdn. Bhd., based at INOKOM (Sime Darby Motors), Kulim.</li><li>- Monitor the operation at modular (Sub Assembly Bumper &amp; Spoiler) for Mazda 3 and Mazda CX-5 units as a vendor.</li><li>- Meet production target and requirement for daily, weekly, monthly and annually.</li><li>- Do the engineering task such as preparing report, analyzing graph, interpreting data and suggestion for improvement actions.</li></ul>

<b>Company</b>	: Double Site Sdn. Bhd., Jitra, Kedah.
<b>Position</b>	: Quality Control (QC) Inspector
<b>Duration</b>	: August 2015 – August 2016 (1 Year)
<b>Responsibility</b>	<ul style="list-style-type: none"><li>- Inspect, test and sample a materials or assembled part or products (motorcyclist helmet X-DOT &amp; accessories) for defects.</li><li>- Discard or reject products that does not meet the specifications and ISO standards.</li><li>- Discuss inspection results after do the analysis of non-conforming product (NCP) by report and interpretation of graph then recommend the best counter-measure actions.</li><li>- Involve in preparation for SIRIM's Mechanical &amp; Automotive Product Testing.</li></ul>

### TOP ACHIEVEMENT

**Event** : InoMa Autoshow 2013  
**Position** : Head of Engine Department  
**Achievement** : 2<sup>nd</sup> Place Overall  
**Description:**

A project team to designed and fabricate All-Terrain Vehicle (ATV) from scratch. All ATV need to be test-run before set up for racing competition at Pantai Puteri, Melaka organized by Ministry of Science, Technology and Innovation, Malaysia (MOSTI).



### UNDERGRADUATE PROJECT

**Title:**  
Development of Biodiesel Testing Specification in Malaysia

**Description:**  
Review and make recommendations for the suitable test method for Malaysian standard (MS) biodiesel testing based on existing American standard (ASTM) and European standards (EN) then perform a dyno test for single cylinder diesel engine to obtain data of emissions test and fuel consumption.

### OTHER RELATED PROJECT

#### AUTOMOTIVE DESIGN

##### Ground Vehicle Aerodynamic Project

A project team to fabricate small scale clay model ground vehicle similar to the real commercial car and carry out visualization external aerodynamic flow analysis in wind tunnel using smoke generator.



#### VEHICLE STRUCTURAL ANALYSIS

##### ANSYS Mini Project

Design an Audi TT car space frame structure using CATIA Software. Analyze and evaluate the load distributor on frontal crash impact and deflection of chassis using ANSYS Finite Element Analysis Software.

#### VEHICLE SYSTEM MODELLING & SIMULATION

##### Vehicle Handling Model

Develop MATLAB and Simulink model based on equation of motion on modelled vehicle and validate data result with CarSim Simulation software to determine the characteristic of vehicle (understeer, over steer and neutral steer).

#### ENGINEERING WORKSHOP

##### Engineering Practices

Expose with hands-on experience on the fabrication process (milling, turning, welding, EDM machine and rapid-prototyping) and metal casting manufacturing process.

### CERTIFICATIONS & PROFESIONAL AFFILIATION

- Certificate IPC Specialist on Acceptability of Electronic Assemblies course
- IEM members as Graduate Engineer
- Certificate Emergency Response Team (ERT) Training

### RELEVANT COURSE TAKEN

- |                              |                                      |
|------------------------------|--------------------------------------|
| • Automotive Technology      | • Mechanical Vibration               |
| • Control Engineering        | • Mechanic of Machine                |
| • Computer Programming       | • Heat Transfer                      |
| • Dynamic                    | • Solid Mechanic                     |
| • Engineering Graphic        | • Thermodynamic                      |
| • Fluid Mechanic             | • Vehicle Powertrain                 |
| • Internal Combustion Engine | • Management & Engineering Economics |

## EXTRA CO-CURRICULAR ACTIVITIES

### LEADERSHIP QUALITY

- Vice President of Exco of Art & Cultural, Residential College UTeM (2011)
- Head of Director on "Malam Sayembara Puisi & Akustik" Programme (2011)
- Head of Engine Department (ATV's project) by MOSTI (2013)
- Vice Secretary of Traffic Unit SMK Jitra (2008)
- Committee Members Badminton Club UTeM (2013)
- Committee Members Persatuan Seni Silat Cekak Hanafi UTeM (2013)

### COOPERATE & SOCIAL RESPONSIBILITY

- Active member of Auto Club UTeM
- Active member of Persatuan Belia Islam Nasional (PEMBINA) Melaka
- Participate on Charity work at Pulau Besar by MAIM (2012)
- Participate on Camping & Outdoor Education at Royal Belum, Perak (2010)
- Participate on Convoy Exploring Malacca by PEMBINA (2012)
- Participate on Choral Speaking Competition by Matriculation College (2009)
- Participate on Seminar Pemantapan Akidah by JAIM (2011)
- Participate and certified on IPC Specialist on Acceptability of Electronic Assemblies course (2014)

## JOB PREFERENCES

**Preferred Work Location** : Anywhere in Malaysia  
**Preferred Job Type** : Full-Time  
**Expected Monthly Salary** : RM2000 – RM2500 (Negotiable)

## REFEREES

**Ms. Lee Shir Li**  
QA Manager  
Double Site Sdn. Bhd.  
Lot 825, Jalan Sg. Korok,  
Mukim Jitra,  
06000 Jitra, Kedah.

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Email : contact@2x-site.com

**Mr. Zamri Bin Murad**  
Operational Manager  
Permintex Automotive Sdn. Bhd.  
Lot 70447, Jalan Hi-Tech 6,  
Zon Industri 2, Kulim Hi-Tech Park,  
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