

**ABDULLAH JUBAIR**  
*Bachelor of Engineering Mechanical-Automotive*  
Major: Mechanical | Minor: Automotive

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Graduate Engineer with proficient communication and leadership skills. Seeking for industrial exposure to utilize academic and extracurricular skills.

### AREA OF EXPERTISE

- Engineering Drawing (CAE)
- AutoCAD & SolidWorks
- Project Management
- Process Engineering
- Product Development
- Project Execution

### EDUCATION

- **Bachelor of Engineering Mechanical – Automotive**

Universiti Teknologi Malaysia (UTM) *2016- 2020*  
Johor, Malaysia Graduation: September 14, 2020  
CGPA: 2.97/4  
Final Semester GPA: 3.54/4

- **Erasmus+ International Credit Mobility Program**

Middle East Technical Engineering (METU) *Feb.'19 – Jun.'19*  
Description: *Ankara, Turkey*

- Only successful candidate from UTM
- “Erasmus+ exchange scholarship”
- Social, Cultural and Academic exposure

### WORK EXPERIENCE

- **Internship Trainee**

Automotive Development Centre (ADC), *Jun.'19 – Aug.'19*  
Universiti Teknologi Malaysia (UTM) *(3 Months)*

**Responsibilities:**

- Conceptual 3D design and motion study using SolidWorks
- Conducting experiment using inertia dynamometer
- Assembling 3D printer and printing designed components
- Writing laboratory work report

- **Secretary General**

Destrier Racing *Oct.'16 – Sept.'17*  
UTM Formula SAE Racing Team *(1 year)*

**Responsibilities:**

- Conducting weekly progress meeting with sub-department
- Monitoring 3D SolidWorks Design and laboratory work
- Budget meeting and paperwork with committee and sub-departments
- Arranging supervisor exhibition and making progress report
- Recruiting new members and arranging team building activities

### CERTIFICATION

- Occupational Safety, Health and Environment (OSHE) *UTM Space*
- ISO 9001: 2008 Quality Management System Requirement *UTM Space*
- International English Language Testing System (IELTS) *Band Score: 06*

### FINAL YEAR THESIS

Design and Development of an experimental test rig to study the relation of battery internal resistance with temperature. (Appendix 1)

### SOFTWARE SKILL

- ABAQUS
- CURA
- SOLIDWORKS
- MATLAB-Simulink
- Microsoft Word
- Microsoft PowerPoint
- Microsoft Excel

### LANGUAGE SKILL

- English  
*Full Professional Proficiency*
- Bengali  
*Native or Bilingual Proficiency*
- Hindi  
*Professional Proficiency*

### MINOR PROJECT

- 3D SolidWorks Design Projects:
  - Mechanical Dinosaur
  - Toy Crane
  - Transmission System
  - Correction Tape
- Finite Element Analysis (FEA) of Beam Structure
- MATLAB Simulink Analysis for full car model
- Mechanical Trigger Mechanism
- Mechanical Flipping Device
- Developing soccer ball launcher

## EXTRACURRICULAR ACTIVITIES

- **Head Director**

UTM Archery Open Day'18

*Sep.'18 – Jan.'19*

**Responsibilities:**

*(4 Months)*

- A 3 day Archery Tournament with 30 organising members & 100 participants
- Project planning , progress monitoring, budget management & paperwork

- **Honoree Treasurer**

International Student Society-Bangladesh, UTM

*Oct.'17 – Sept.'18*

**Responsibilities:**

*(1 year)*

- Organized several cultural activities
- Project planning, progress meeting, budget management & Paper work

- **Student Coordinator (Pass & Visa Department)**

*UTM International, ISOP Buddies'18*

- **Participant**

*Engineering Graduates- Requirements in automotive industry' 19*

- **Participant**

*Hiking at Gunung Lambak'18*

- **Master of Ceremony**

*47th Victory Day Celebration of Bangladesh'17*

- **Committee Member**

*International conference of Science, Engineering, Management and Social Science (ISCEMSS)'16*

## ACHIVEMENT

- Erasmus+ Exchange Scholarship'19

*European Union*

- Erasmus+ Experience and Story Sharing Award'19

*Turkish National Agency*

- International Student Society Appreciation Award'18

*UTM International*

- 2<sup>nd</sup> Runner up 'ISC Director Bowling Tournament'15

*UTM International*

## REFERENCE

DR. SHUHAIMI BIN MANSOR

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## Appendix 1: Final Year THESIS

Topic:	Development of an experimental test rig to study the relation of battery internal resistance with temperature.
Objective:	To design and develop an experimental test rig to study the relation of battery internal resistance with temperature especially at high temperature.
Scope:	<ul style="list-style-type: none"><li>• Design and Develop experimental test rig</li><li>• Material selection</li><li>• Rig fabrication</li></ul>