



## PROFILE

Motivated and determined, have passion for automotive engineering and thrive on project-based challenges. With keen interest, have continuous development in skills in software tools required for the automotive industry. Committed to personal growth and eager to contribute to the automotive industry, I approach each project with enthusiasm and a drive for excellence.

## LANGUAGE

English	_____
Bengali	_____
Japanese	_____
German	_____

## CORE SKILLS

Problem Solving  
Team Work  
Creativity  
Communication  
Hard Work

## HOBBY

CAD/CAM  
Table Tennis  
Cooking

# ESMAM ZAHAN



01172335390



esmamzahan420@gmail.com



Johor, Skudai, Taman Universiti, Jalan Pendidikan 1, Melana Apartment: 81300



## EDUCATION

WORDBRIDGE SCHOOL

- O Levels (2017)
- A Levels (2019)

UNIVERSITI TEKNOLOGI MALAYSIA

- Bachelor of Mechanical Engineer (2020-Present)  
CGPA 2.80



## SOFTWARE SKILLS

Design: Solidworks

Simulation: Abaqus, Simcenter Amesim

3d Printing: Ultimaker Cura

Programming: Arduino, C/C++, Matlab, Javascript

Ms Word, Ms Excel, Ms Powerpoint



## PROJECTS

- Rehabilitation Arm

Arm design using Solidworks and research for material and fit.

- Automated Solar Light with Safety Lock

Model design and manufacture through welding, grinding and CAD tools

- Modelling and Simulation of a Microcar Chasis



## THESIS

- Parametric Study of Engagement Process of Shifting Mechanism in An Automotive Gearbox



## REFERENCE

**Ali Farokhi Nejad**

Assistant Professor, Universiti Teknologi Malaysia

**Phone:** +601169358348

**Email:** farokhi@utm.my