



THAVAMALAR KUMARAVELU

Career Objective

A fresh graduate from Aerospace Engineering who is looking for opportunities in any possible field. An enthusiastic person with determination who have never given up and always been excited to learn more about new things and prepare oneself with the knowledge. A team player and a leader who can work independently or in teams to help the company to achieve its vision and mission. An open learner, and a good communicator who is able to perform the duties effectively, and able to meet desired deadlines.

Working Experience

June 2019–September 2019

Internship trainee • Design and Technical Services • Galaxy Aerospace (M) SDN. BHD.

- Responsible in preparing Production Manual specifically for fabrication of smoke canister system installed in Airbus Helicopters AS355N under Galaxy Aerospace (M) SDN. BHD.
- Proposed the requirements for installation of placard in aircraft.
- Developed procedures for production inspection system specifically for fabrication of smoke canister system installed in Airbus Helicopters AS355N.
- Involved in preparing modification request form, modification classification record, and certification plan for DA62 Sapura Aero.
- Attended Airbus Helicopters AS355 Series General Familiarization (GenFam) course.
- Carried out technical studies to find requirements and procedure to make Rockwell-Collins transponder Model TDR-94D into ADS-B capable.

Education

B.Eng. Aerospace (Hons) • University Putra Malaysia • 2016-2020

Projects done:

- Thesis- A novel enhanced -power Stirling engine by using fins attachment for future sustainable energy (SILVER MEDAL).
- Integrated Design Project (Flexible Aiding Respond Drone) - Design a small-sized radio-controlled aircraft for the delivery of essential items.



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21st May 1997

Soft skills

- Ability to work independently or as a part of team
- Effective time management
- Excellent written and verbal communication skills
- Quick learner
- Attentive

SKILLS

- MS Word, PowerPoint, Excel
- Catia v5
- ANSYS fluent
- Abaqus CAE
- MATLAB
- Fortran
- LabVIEW

LANGUAGES

English ★★★★★

- MUET: BAND 4
- CAMBRIDGE LINGUASKILL: B2(174)

Malay ★★★★★

Tamil ★★★★★

- Designing CubeSat – Design a CubeSat model using Catia v5 and 3D print it to become a finalized model.
- Designing an aircraft – Designed model using Catia v5 and later exposed with the usage of CNC machine to cut it into desired shape as programmed.
- Designing control system (smart street light car detector) – used and learned function of Arduino UNO, relay module, PIR sensor and other electronics in order to complete the project.

Kelantan Matriculation College • 2015-2016

CGPA: 3.87

Sekolah Menengah Kebangsaan Meru • 2010-2014

SPM: (9A, 1B+)

PMR: (7A, 1B)

Leadership and Volunteer Experience

- Team leader for integrated Design Project. Handle a team of 5 members in planning, strategizing and executing plans to achieve the objective before the due.
- Director of “1 Kolej 1 Kampung” program – initiated a volunteer program under college volunteer club. Lead a team of 20 committee members and 40 participants.
- Attended UNITED Workshop: Vehicle Design Development
- Head of activity Department for orphanage home visit – with a team member of 3, successfully planned and execute activities for the children in home.
- Emcee manager – prepare emcee scripts and train emcees for programs under college and association.
- Volunteer at Engineering Program Integrated Carnival.
- Teaching assistant in “orang asli” volunteering program.

Reference

1. Mohd Yussyuwari Md Yusop
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2. Dr. Syamimi Saadon
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