

MALEK FUAD HJ. MOHD AMIN

Bachelor in Marine & Offshore Engineering (B.Eng.)

Availability:
Immediate

POSTAL ADDRESS

No 3A-3, Seri Puteri Condominium
Jalan Jelawat 1, 56000 Cheras
Kuala Lumpur
Malaysia

CONTACT DETAILS

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LinkedIn Malek Fuad Mohd Amin



PERSONAL INFORMATION

NRIC:	890123-23-5473	Health:	Excellent
Nationality:	Malaysian	Sponsor:	MARA
Gender:	Male	Sponsor's Bond:	Not Bonded
Status:	Married	Relocation:	Willingly

EDUCATION

2011 – 2015	Australian Maritime College University of Tasmania Bachelor Degree GPA: 4.69
2007 - 2010	Malaysian Institute of Marine Engineering Technology University of Kuala Lumpur Diploma in Ship Design CGPA: 3.22

SOFTWARE SKILLS

- Microsoft Office (Word, Excel, PowerPoint, Project)
- AutoCAD 2D
- Inventor 3D
- Maxsurf
- Hydromax
- Rhinoceros
- MATLAB
- LabVIEW 2009
- ANSYS Finite Element Analysis

INDUSTRIAL EXPOSURE

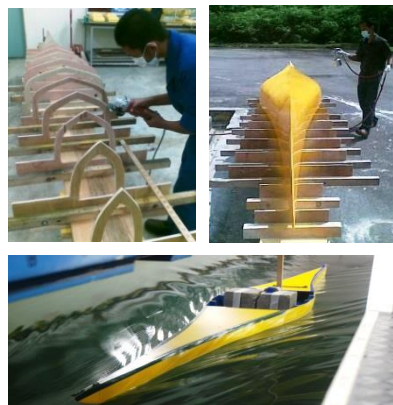
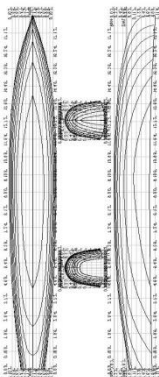
Universiti Teknologi Malaysia (UTM)



Department: Marine Technology Laboratory

Duration: 3 months

Description: In a group of three, the task given was to develop a prototype based on an existing canoe blueprint. Prior to the development, further researches were performed including analysis on weight estimation, resistance and stability of the canoe. The canoe had been used for 2009 UTM Canoe Racing Competition.



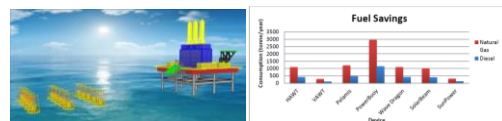
TOP ACADEMIC ACHIEVEMENT

Final year project was shortlisted for publication in Journal of Engineering Science and Technology (JESTEC) by Taylor's University, Malaysia (2014)

FINAL YEAR PROJECT – BACHELOR DEGREE

Title: Application of Alternative Energies in the Australian Offshore Sector

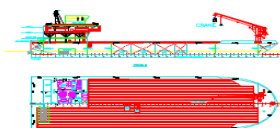
Description: Carried out a comprehensive investigation and credible write-up on the most feasible alternative energy for empowerment of an offshore platform located in Western Australia (WA)






FINAL YEAR PROJECT – DIPLOMA

Title: Determination of Weight Estimate and Draft Mark for 100meter Self-Propelled Barge Using American Bureau of Shipping (ABS) Classification Rule

Description: Performed weight estimation analysis on a 100 meter self-propelled barge. The analysis consisted of calculation and materials assessment



CERTIFICATIONS & AFFILIATIONS		OTHER RELEVANT COURSES TAKEN
2015	<ul style="list-style-type: none"> • Membership of Institution of Engineers Malaysia • Building Embedded Control and Monitoring Systems Seminar 	<ul style="list-style-type: none"> • Applied Control Engineering • Design of Offshore Systems • Integrated Process and Production Systems
2014	<ul style="list-style-type: none"> • Membership of Institution of Engineers Australia 	<ul style="list-style-type: none"> • Instrumentation and Process Control
2013	<ul style="list-style-type: none"> • National Instruments LabVIEW and Data Acquisition Workshop • Element of Shipboard Safety Skills • ANSYS Academic Workshop 	<ul style="list-style-type: none"> • Marine Thermal Energy Systems • Marine Machinery Systems • Maritime Engineering Design • Offshore Science Engineering
2008	<ul style="list-style-type: none"> • Basic Sailing (Whaler) – Level 1 	<ul style="list-style-type: none"> • Offshore Operations

TOP LEADERSHIP EXPERIENCES	
Kelab UMNO Australia Tasmania 	<ul style="list-style-type: none"> • Position: Vice President • Successfully organised 5 major projects: Malaysia's 56th Independence Day Celebration, Aidilfitri Celebration, Chinese New Year Celebration, JOM! Festival 2013, UTAS Open Day. Also managed to reconnect with 3 other affiliated Malaysian clubs in Tasmania and rebranded KUATAS 2013/2014.
JOM! Festival 2013 (by MASCA Tas) 	<ul style="list-style-type: none"> • Position: Logistic Officer • Successfully co-organised the biggest event for Malaysian community in Tasmania for 2013. Responsible of making arrangement for all logistic requirements for examples, dealing with meticulous permit/license application process with the local city council and ensuring adherence to stringent public liability insurance requirement for a large-scale outdoor event.
Final Year Project (FYP) 	<ul style="list-style-type: none"> • Position: Team Leader • Successfully spearheaded the group to become the Best FYP Group for the year of 2010 and the group's report had been used by the institution as a guideline for other students.

EXTRA CURRICULUMS & ACTIVITIES
<ul style="list-style-type: none"> • Volunteered to become a Facilitator at Universiti Teknologi Malaysia's 2009 Orientation Week for Newcomers • Participated in 2013 Badminton Tournament organized by Malaysian community in Tasmania • Appointed as a Treasurer of Badminton Club in University of Kuala Lumpur in 2008

REFEREES		
<u>Dr. Christopher Chin</u> Position: Deputy Director (Students & Education) and International Student Coordinator Institution: Australian Maritime College, University of Tasmania Contact No: +61 3 6324 9441 Email: c.chin@amc.edu.au	<u>Mr. Nor Idham Che Ghani</u> Position: Career Advisor Institution: Student Support Services Department, Universiti Teknologi Petronas Contact No: +60 16 5929 462 Email: idhamg@petronas.com.my	<u>Ir. Mohd Nazri Mohd Jamil</u> Position: Lecturer Institution: Malaysian Institute of Marine Engineering Technology, University of Kuala Lumpur Contact No: +60 19 573 0058 Email: mnazrimjamil@yahoo.com.sg