AMIRAH HAZIMAH ABDUL MAJID

No 70 Perumahan Awam 2,
09800 Serdang, Kedah.
+6019-2910809
amirahhazimah@gmail.com

CAREER OBJECTIVE

To be part of reputed organization and looking for a challenging career which demands the best of my professional ability in terms of analytical skills, and technical skills necessary for engineering innovative designs and applications. *Registered with Board of Engineering Malaysia:96488A*.

EDUCATION

Universiti Teknologi Malaysia (UTM), Jalan Semarak, Kuala Lumpur (2014-2016)
Master of Philosophy (Electrical-Electronic Engineering)

Universiti Teknologi Malaysia (UTM), Skudai, Johor (2010-2014)
Bachelor of Electrical-Electronic Engineering
- CGPA: 3.23

PERLIS MATRICULATION COLLEGE (2009-2010)
Science-Physics
- CGPA: 3.23

SM TEKNIK KULIM (2004-2008)
Sijil Penilaian Malaysia (SPM)
- Results: 2A 3B 5C

TECHNICAL KNOWLEDGE

Proficiency: Electronics, Embedded system, TCP/IP and Signal Network, AC/DC power and control systems, Project Management and Economy Engineering

Electronics and Computer Skills
- **Computer literacy :** words, excel, power point
- **Micro-controllers**: Arduino
- **Languages**: C, C++, visual studio.
- **Packages used:** LabVIEW, Mathworks MATLAB and Simulink, Multisim, Pspice, Eagle (PCB Layout), and GUI

WORK EXPERINCE

JAN - MAY 2016

RESEARCH ASSISTANCE
UNIVERSITI TEKNOLOGI MALAYSIA, Skudai, Johor
Collect and analyze data
Supervise undergraduate students working on the research project
Attend area seminars and other meetings as necessary
Prepare articles, report and presentation
Monitor the project budget
Manage and respond to project related email

AUG 2015- JAN 2016

TEACHING ASSISTANT
UNIVERSITI TEKNOLOGI MALAYSIA, Kuala Lumpur
Teach in the class
Make questions for tests and quizzes
Give assignments to students
Report to the superior about the performance of students

JUNE-SEP 2013

SERVICE ENGINEER (TRAINEE)
HEALTHRONIC (M) SDN BHD, Penang
Performed the maintenance services for medical instrument
Performed Breakdown maintenance
Planned preventive maintenance
Deal with medical staff, doctor and nurse

ACADEMIC PROJECT UNDERTAKEN

Project : *Fuzzy Logic Controller (FLC) Based On Biofeedback Signals For Exercise Stepper*

Description: The interface system is developed to control current output for varying the resistance generated in exercise stepper. The work undertaken in this research is limited to the following aspects:

a. The exercise device will focus on the lower limb which is stepper,
b. Simulation work using LabVIEW as a platform to prove the effectiveness of interface system designed based on biosignals feedback, and
c. Comparative between the Fuzzy Logic Controller will be done.

Responsibilities:
- ✓ Implement fuzzy logic controller (FLC) based on biosignals feedback conditions.
- ✓ PCB designing and hardware implementation for the control part of the interface system.
- ✓ Analyze and evaluate the designed interface system performance.
- ✓ Project documentation

CONFERENCES & PUBLICATIONS

- Asian Design Engineering Workshop 2015 (ADEW 2015), Hong Kong, The Design Society.
- Presenter at 10th Asian Control Conference (ASCC) 2015 at Sabah, Malaysia, IEEE.
- The 2nd International Conference on Technology, Informatics, Management,
- Engineering & Environment (TIME-E) 2014 at Bandung Indonesia, IEEE
- Electronic and Computer Engineering Exposition (ECE EXPO 2014) ECEX14 at UTM Johor.

RELATED SKILLS

Strong analytical skill, good leadership, able to work independently as well as in group, fast learner

EXPECTED SALARY

MYR 2,500.00-3,100.00 (Negotiate able)

LANGUAGES

MALAY

ENGLISH

OTHER INTEREST

Outdoor Activities, Charity event, travel, sports

ACHIEVEMENT

- "Economical Impact Award" Model-based Creative Design Program.
- Dean List semester : 3 & 8

REFERENCE

SUPERVISOR FYP (FINAL YEAR PROJECT)
Name: Assoc. Prof. DR. Rubita Binti Sudirman
Department : Faculty of Electrical Engineering
E-mail : rubita@fke.utm.my

SENIOR LECTURER
Name: DR. Mohd Azizi Bin Abdul Rahman
Department : Malaysia Japan International Institute of Technology
Phone No. /Ext: 03-22031265
E-mail : azizi.kl@utm.my