

Mohamad Fathin Ismail

Pos 32, Batu 2 Tanjung Gading, 84000 Muar, Johor Darul Takzim.

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013-7618457

Expected Salary : RM2500-2700(nego)



Recent UTeM graduate and with excellent ability in electronic circuit. Possess the analytical abilities and technical skills that are necessary for engineering innovative designs and applications. A consistent track record of successfully completing projects from the concept and detail of the design through to implementation, testing and handover. Solid understanding of electronic engineering theory, industry-standard circuit design, testing equipment and engineering software.

Education

2012 – 2016 Bachelor of Electronic Engineering (Industrial Electronic)

Universiti Teknikal Malaysia Melaka (UTeM) CGPA : 2.52

2011 – 2012 Matriculation Certification

Kolej Matrikulasi Teknikal Johor (KMTJ) CGPA : 2.75

2009 – 2010 Malaysian Certificate of Education (SPM)

Result : 1A, 3A-, 2B, 1C+, 2C, 1D

Experience

Final Year Project (Smart Care Plant Notification)

September 2016 – June 2016

- Build a prototype to monitor the condition of the plant environment.
- Integrate with three sensor with Arduino that can detect the moisture of soil, humidity and temperature near the plant.
- The Arduino is integrate with the Internet shield to send the information to the user wirelessly.
- Built an android application to display data to phone and also display on web using Ajax technique.
- Automatically the water pump will watering the plant by follow the moisture level of soil around the plant.

Detik Kreatif Engineering (Intern)

June 2015 – September 2015

- Make wiring for the Remote Control Board panel and troubleshoot the panel.
- Check the final product of the RCB panel for any error such dent, wrong wiring and label.
- Packaging the RCB panel with the wrapper before send to customer.
- Help a welding worker at the site project to weld stair holder.

Mahathir Sdn Bhd

March 2015 – June 2015

- Do maintenance for the swimming pool.
- Make bypass on the swimming pool filter and adjust the valve.
- Refill the chlorine at the condominium swimming pool.
- Check the salt level on the hotel swimming pool.
- Check present of algae and treat with anti-algae solution.

Skills

	Malay	English
Speaking	Fluent	Moderate
Writing	Excellent	Moderate

- Electrical wiring – wiring for the Remote Control Board panel for TNB during internship. Make a looping wire and troubleshoot.
- Computer programing (C/C++, Phyton) – coding for the microcontroller device such as Arduino or PIC 18F4550. Coding for sensor and motor for the robot and display the input on screen. Basic HTML coding to interface with the device.
- Engineering drawing – able to use drawing software such as Autocad and make a drawing for electrical and also mechanical drawing.
- Electronic design software (Multisim, Protheus) – construct a circuit for testing and analysis before construct on PCB.
- Psychology and counselling – able to act professionally during work to give a judgement about certain situation.

Reference

Dr Zulhairi Bin Othman
Senior Lecturer (PA)
Universiti Teknikal Malaysia Melaka
Tel : 06-5552137
Email : zulhari@utem.edu.my

Nor Azlan Bin Mohd Aris
Lecturer (FYP and IDP Supervisor)
Universiti Teknikal Malaysia Melaka
Tel : 06-5552124
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