

# MUHAMMAD HAZIM BIN MOHAMAD ROSLY

## Bachelor of Electronic Engineering (Telecommunication Electronics)



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NRIC Number: 931012 14 5975

Availability of Employment: **Immediate**

EDUCATION	PERSONAL DETAILS		SOFTWARE EXPOSURE
<b>UTeM Bachelor Degree</b> (2012 - 2017)	<b>Nationality</b>	Malaysian	-Multisim -Proteus (Isis & Ares) -Matlab (Simulink) -Xylinx Sytem Generator
<b>Kedah Technical Matriculation College</b> (2011-2012)	<b>Age</b>	24	-OptiSystem -CST Studio Suite -Microsoft Visio
<b>SM Teknik Ipoh Persiaran Brash</b> (2009 – 2010)	<b>Marital Status</b>	Single	
	<b>Health</b>	Excellent	

OBJECTIVES	SKILLS
<ul style="list-style-type: none"><li>• Apply knowledge learnt, gain new skills and be aware of current technologies.</li><li>• Appreciate the value of professional ethics.</li><li>• Work effectively in organization.</li></ul>	<ul style="list-style-type: none"><li>• Good communication skills</li><li>• Good team player</li><li>• Good presentation skills</li></ul>

## ACADEMIC PROJECTS

### FINAL YEAR PROJECT

#### TITLE: FPGA IMPLEMENTATION OF DISCRETE COSINE TRANSFORM ALGORITHM USING XILINX SYSTEM GENERATOR

- A Discrete Cosine Transform (DCT) is one of the key components in image compression.
- The direct computation of DCT is complex and expensive, thus a fast DCT is used.
- The 8-point 1 Dimensional Arai DCT algorithm is being selected among various types of fast DCT algorithms.
- This project participated in **Universiti Teknikal Malaysia Melaka INOTEK 2016**

## JOB EXPERIENCE

### **1. Melaka ICT Holding Sdn. Bhd.**

*Position: Internship Trainee (Infrastructure and Telecommunication Department)*



*Duration: 29<sup>th</sup> June 2015 – 4<sup>th</sup> September 2015 (10 Weeks)*

1. Involved the User Acceptance Test (UAT). Pick the right channel based on neighbouring networks and signal strength.
2. Involved in site surveying. Go to the site that have been proposed to do wi-fi installation.
3. Involved in Technical Site Survey Report (TSSR) for TM Wi-fi project.
4. Involved in As-Built Drawing Documents.

### **2. 7 Eleven Sdn. Bhd.**

*Position: Sales Assistant*



*Duration: June 2013 – September 2013 (3 months)*

## REFERENCES

### **1. Prof. Dr. Zulkalnain Bin Mohd Yussof**

Lecturer/Supervisor  
Universiti Teknikal Malaysia Melaka  
Tel: 013-3979216  
Email: [zulkalnain@utem.edu.my](mailto:zulkalnain@utem.edu.my)

### **2. Mr. Khairil Adzhar**

Employer/Supervisor (Internship training)  
Melaka ICT Holding (MICTH)  
Tel: 019-6551517  
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