Curriculum Vitae : Azman M. Yusof

Contact Information

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Education

- Ph.D.
  - **Thesis**: Enhancing Post-Harvest *Harumanis* Mango Sorting Process using Fourier Descriptor on a Customizable Vision System
- M.Sc. USM (2002)
  - *M.Sc. by research. Thesis submitted in January 2001.*
  - **Thesis**: Implementation of a Cascadable MLP Neural Processor with Sliding Feeder Technique
- B.Eng. (Hons.) USM (1997)
  - *Specialized in Microelectronics (Integrated Circuit Design).*
  - **Final Year Project**: Design of an Integrated Circuit Implementing the Discrete Wavelet Transform
  - **Selected Courses**: Integrated Circuit Design, Microprocessor Systems, Software Engineering.

Skills/Knowledge

- **Embedded Systems Development**
  - Microprocessor/microcontroller board design, Embedded Linux (buildroot), 8085/8051 Assembly, Verilog/VHDL for FPGA Synthesis
- **Computer Programming**
  - C/C++, Java, Python, Linux (Bash) Shell scripts, Windows batch file, TCL Shell scripts
- **Microelectronic Design**
  - Transistor-level design of CMOS/BiCMOS integrated circuits, full custom layout editing of integrated circuits

Work Experience

- **Universiti Malaysia Perlis (UniMAP - formerly known as KUKUM)**
  - Job: Lecturer
  - Duration: February 1, 2007 - March 31, 2026
- **Kolej Universiti Kejuruteraan Utara Malaysia (KUKUM)**
  - Job: Lecturer
  - Duration: May 15, 2002 - January 31, 2007
- **Sapura Technologies Sdn. Bhd.**
  - Job: Systems Engineer

    - Duration: January 1, 2002 - May 31, 2002
- **SiRES Labs Sdn. Bhd.**
    - Job: Chief Design Engineer
    - Duration: February 2, 2001 - September 31, 2001
- **Intel Technology Sdn. Bhd.**
    - Job: Intern in the Design Automation Group
    - Duration: March 1, 2000 - May 31, 2000
- **Universiti Teknologi Petronas (UTP)**
    - Job: Demonstrator (C++ Programming)
    - Duration: June 1998 - August 1998
- **Universiti Sains Malaysia (USM)**
    - Job: Research Personnel (IC Design & Testing)
        - Duration: June 2000 - November 2000
        - Duration: September 1998 - December 1998
        - Duration: July 1997 - September 1997
        - Duration: January 1996 - June 1996
    - Job: Tutor (C/C++ Programming)
        - Duration: January 1999 - April 1999
        - Duration: July 1996 - October 1996

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