Ariff Azraai Roslan

Malaysian, 22 years old — ariff.azraai@gmail.com / +6 012 9077 536
Available in June 2015.

Interested in mechatronics, computing and intelligence system engineering application in industry. An effective team player looking for challenging opportunity and responsibility which can improve my technical abilities.

EDUCATION

Universiti Teknologi Malaysia, Skudai, Johor   *September 2011 - present*
Bachelor of Engineering in Electrical Engineering (Mechatronics). Current CPA is 3.23 and expecting to graduate in June 2015

Kolej Matrikulasi Selangor, Banting, Selangor   *May 2010 - April 2011*
Major in Physical Science. Graduated with CGPA of 3.94

SMK USJ 4, Subang Jaya, Selangor   *January 2005 - December 2009*
Streamed into Pure Sciences. Graduated with 7A+, 3A, 2A- for SPM

INDUSTRIAL EXPERIENCES

Dyna Segmen Sdn Bhd, Ampang, Selangor   *June - September 2014*
Assigned as trainee project engineer for BHP North Port Installation Pipeline Corrosion Control Project for 8 weeks. Oversaw project schedule, manpower, equipments and materials. Lead the procurement team for Petronas Carigali High Performance Computing for Seismic Analysis tender. Lead formation of a consortium between IBM Malaysia and Paradigm Geophysical. The tender was in benchmarking stage before handed over to procurement engineer before internship ends.

Slashes & Dots Sdn Bhd, Mid Valley City, Kuala Lumpur   *July - August 2014*
Assigned as software engineering intern to assist marketing team. Built remote installation system for company web based product, JomSocial. Also assisted marketing team to improve post sales user experience which result reduce numbers of support ticket.

Bitfluent Sdn Bhd, Kelana Jaya, Selangor   *December 2009 - April 2014*
Assisted Lead Developers in various company projects and clients engineering process. Upgraded and refactored administration and back end system for a 3D programming system.

TECHNICAL ENGAGEMENTS & RELEVANT EXPERIENCES

INCEIF Digital Library   *August 2012 - March 2013*
- Developed new document management system and digital library for International Centre for Islamic Finance
- Integrate new system with current library management system and CAS authentication server
- Contracted by Sands Consulting Sdn Bhd as software engineer on short term basis

DVS Animal Quarantine System   *July 2013 - September 2013*
- Upgraded current Animal Quarantine System for Department of Veterinary Services
- System currently in used for animals import process prior crossing Malaysian border
- Contracted by Sands Consulting Sdn Bhd as software engineer on short term basis

Speaker, MAGIC's GREAT 2014   *September 2014*
- Invited to present a technical presentation in JomWeb Tech Updates
- Presented technical updates on two previous projects

Final Year Project   *September 2014 - present*
- Waypoint control theory and robotic control user interface
- Applicable for use in industry to control remotely operated vehicle and aerial drone
- Implementing control theory using C++ and user interface via web server in Python
- Working with ATMEL based micro controller and Raspberry Pi micro computer

SKILLS

- Familiar with AVR ATMEL and Freescale Freedom micro controller and RaspberryPi embedded computer
- Proficient with C, C++, ASM, Python, Ruby and Java programming languages
- Experience in setup and maintain high availability web services stack which includes Linux (mainly Debian), Nginx web server, MySQL database
- Speak and write in Bahasa Melayu and English

REFERENCES

References will be provide upon request.