

AHMAD HAFIZUDDIN BIN AHMAD JAAFAR

Los Angeles, California

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EDUCATION

University of California, Los Angeles | Los Angeles, CA

June 2021

Bachelor of Science, Electrical Engineering

- **Relevant Coursework:** Data Structures, Computer Science, Multivariable Calculus, Differential Equations, Linear Algebra, Electrodynamics, Optics, and Special Relativity, Logic Design of Digital Systems

PROFESSIONAL EXPERIENCE

Accenture Sdn Bhd

June 2018 - September 2018

Technology Consulting Intern

- Designed and developed a website used for troubleshooting incidents pertaining to the newly released UPServices Car Park management system using the PHP Framework and a node.js backend and deployed it for production.
- Developed a python script used to summarise information from the production database and tabulate them into a single pdf file.
- Developed a JSR223 (Groovy) script in JMeter to stimulate the API call to the System Integration Testing (SIT) server and analysed the performance under high load.
- Revised the System API Data Mapping and co-created Service Orchestration Documents.

International Council of Malaysian Scholars and Associate

Junior Associate

September 2017-February 2018

- Collaborated closely with 4 other associates to develop a mock event for 30 members
- Implemented and publicized an event page on Facebook for a mock event
- Prepared project accounts, income statements, cash flow, and statement of financial position

Internal Affairs and Performance Director, North America

February 2018 – June 2018

- Established and maintained a vision for the 8th Council of ICMS North America
- Pioneered a cascading milestone system to replace the existing Key Performance Indicator performance measurement
- Revamped an existing 3-month development program to train 19 Junior Associates in 6 divisions.

UCLA Institute of Electrical and Electronics Engineers(IEEE)

September 2017-Present

Open Project Space (OPS)

- Completed training in handling soldering circuits (surface mount soldering)
- Programmed an Arduino to analyze the distance between the sensor and the object
- Built an RC car, using PID predictive control, MCUs, and reading data from sensors through registers.

TNB Energy Services Sdn Bhd

Intern

June 2016-July 2016

- Observed how the Supervisory Control and Data Acquisition (SCADA) system is employed to instantly monitor any breakdowns and control switchgears,
- Researched the most efficient solar panel orientation angle based on position of the sun.

Awards and Recognition

Alpha Lambda Delta Honor Society

January 2018

Dean's Honors List – UCLA

December 2017 , April 2018

Yayasan Khazanah High Achiever Award

Summer 2017

Recipient of the **Yayasan Khazanah Global Scholarship Program**

January 2016

Skills

Proficient in Microsoft **Excel, Word, Powerpoint.**

Intermediate in Adobe **Photoshop** and Adobe **Illustrator,Python, C++,JavaScript,**

Beginner in **Alexa, Arduino, Angular.js**