


# Ahmad Hafizuddin bin Ahmad Jaafar

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 hafizaj.github.io

## Education

University of California, Los Angeles  
B.S. Electrical Engineering, Spring 2021

## Experience

### Wirz Research Group at the Mechanical and Aerospace Engineering Department at UCLA

Undergraduate Student Researcher Oct '18 - Present

- Admitted into the fourth cohort of the Sustainable Los Angeles Grand Challenges Undergraduate Research Program.
- Working alongside post doctorates and graduate students in the Energy Innovation Lab for the lab-scale demonstration of thermal energy storage concept with sulfur
- Analyzed data from the data acquisition systems and created a python data visualization application using NumPy and matplotlib.

## Accenture

E-2-E Software Oriented Architecture Intern June '18- Sept '18

- Designed and developed a website used for troubleshooting incidents pertaining to the newly released UPServices Car Park management system using PHP and node.js.
- Developed JSR223 (Groovy) scripts in JMeter to stimulate the API call to the System Integration Testing (SIT) server and analyzed the performance under high load.
- Developed python scripts used to summarize information from the production database and tabulate them into a single pdf file
- Created several SoapUI projects designed to cross-check the REST API calls from the SIT and Production website.

## International Council of Malaysian Scholars

Internal Affairs and Performance Director, NA Feb '18- May '18

- Established and Maintained a vision for the 8<sup>th</sup> council of ICMS NA 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.

Junior Associate, NA

Sep '17-Jan '18

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

## Languages

C/C++/Mbed  
HTML5/XML/LaTeX  
Typescript  
Javascript  
CSS  
SQL  
Python  
PHP

## Frameworks/ Tools

XCode, Git, MySQL,  
Node.js, Microsoft Visual  
Studio, jQuery, Apache  
JMeter, Spring Tool Suit,  
Spring Boot, WSO2  
Enterprise Integrator,  
Vue.js, Angular

## Projects/ Activities

- **IEEE at UCLA**  
Micromouse: building an autonomous maze-solving robot.
- **Co-founder of Permata Chow Kit:** nurturing underprivileged children of Chow Kit Road by providing scholarship and soft-skills training.
- **Volunteer Income Tax Assistant at UCLA:** voluntarily filing taxes for those who qualify. Active volunteer since 2017