

# ADIL AZMOON

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## EDUCATION

### National University of Singapore

Aug 16 – May 20

- Bachelor of Engineering (Computer Engineering), Honours
- Current CAP: Honours (Merit)

## WORK EXPERIENCE

### Co-op Engineer (Intern), Advanced Micro Devices

Jan 19 – Jun 19

- Improved product quality and yield through final testing build and validation, achieving over 97% yield before initial production.
- Assisted in the standardisation of test program validation process to ensure consistent and accurate validation standards for future reference.
- Reviewed design documentation in pre-silicon phase for quality assurance and assisted to update circuit designs for relevant updated equipment.

### Operations Support Officer, Public Transport Security Command, Singapore Police Force

Jun 14 – Dec 15

- Managed and maintained all communications and computer equipment utilised by ground officers, allowing smooth ground operations on a daily basis as well as on key events such as National Day.
- Collaborated with various vendors to ensure local network and servers were updated and maintained according to corporation standards.
- Executed ground patrol duties professionally to ensure safety measures are met on the public transport system.

## AWARDS & SCHOLARSHIP

### LBKM Future Economy Scholarship

Sep 17

- This award is given to 10 undergraduates with a CAP representing at least 75% in the relevant course of study in the fields of Science, Technology, Engineering and Math.

### NUS Sports Grant

Sep 17

- This award is given to 5 undergraduates who have excelled in both NUS sports and academic studies.

### Gold (Varsity Male Division), National Schools Bouldering Championships

Mar 17

- Represented NUS and attained individual championship varsity title in a nationally ranked competition.

## EXTRA-CURRICULAR ACTIVITIES

### Captain, Varsity Team

May 17-Apr 18

- Planned and executed a training programme for 20 varsity athletes for numerous bouldering competitions, attaining varsity second place in a nationally ranked competition.

### Head Student Facilitator, NUS Varsity Leaders' Summit

May 18

- Organised and executed leadership training activities for 160 varsity sports leaders and worked closely with university sports officers to oversee the smooth and safe execution of the summit itinerary.

### Logistics Head, House Committee, Ridge View Residential College

Aug 16 – May 17

- Spearheaded various student life events to improve the welfare of college residents.
- Took charge of logistical acquisitions for various student life events for the college resulting in the systematic and smooth execution of said events.

## PROJECTS

### Final Year Project – Physiotherapy Rehabilitation Monitoring System

- Web application built using MERN stack to monitor the rehabilitation progress of patients. Utilised Convolutional Neural Network machine learning model for identification of patients' progress.
- Built using MongoDB, Express, ReactJS, node.js. Machine learning model trained using Python libraries and deployed on node.js backend.

## SKILLS

**Software:** Microsoft Office Suite (usage of functions, conditional formatting of pivot tables, etc.), Xilinx Vivado Design Suite, Github, Sourcetree, Brackets, Confluence, JIRA, Bitbucket

**Programming Languages/Frameworks:** C, Java, Python, HTML, CSS, Bootstrap, React, node.js, MongoDB

**Languages:** Fluent in English and Malay (both spoken and written)

**Personal:** Climbing/Bouldering, National Representative 2018