

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 16 – Jun 16

- 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)