**MOHAMED AMMAR BIN MOHAMED YUSRI**

+65 8649 4774 – md\_ammar8@yahoo.com

**EDUCATION**

**SINGAPORE UNIVERSITY OF TECHNOLOGY AND DESIGN**                               Singapore,

Bachelor of Science in Digital and Artificial Intelligence with Focus track in Enterprise Design *2022-Present*

* Pursuing Minor in Computer Science

**EUNOIA JUNIOR COLLEGE** Singapore,

General Certificate of Education Advanced Level (GCE A-Levels) *2018 – 2019*

* H2 Subjects: Mathematics, Physics, Chemistry
* H1 subjects: Economics, General Paper, Project Work

**WORK EXPERIENCE**

**Andes Consultants Pte Ltd**                                                                                       2021-2022

Building Inspector

* Conducted comprehensive and detailed inspection on structural safety of both external and internal structures of HDB blocks independently

**Singapore Civil Defence Force (SCDF)**2022-2022

Firefighter, Sergeant (1) Rank

* Led a team of firefighters in emergency response operations, ensuring the safety and effectiveness of the section
* Utilized critical thinking and problem-solving skills to make quick, composed and informed decisions in high-stress and life-threatening situations

**PROJECT(S)**

**Launch Something (2022)**

* 1st place winner for Launch Something Programme – created a marketing campaign equipped with customer acquisition strategy and retention strategy

**Guid-e (2024)**

*Partnered with Ogilvy to redesign the conventional airport trolley to enhance user convenience and operational efficiency*

* Collaborated with a team of 6 to successfully develop a fully functional prototype under a budget constraint of $1000 in 13 weeks
* Utilized Figma and Flutter in designing user-friendly interface to facilitate a seamless navigation
* Integrated Crowd SLAM algorithm, computer vision and Arduino electronics for real-time data processing, detailed 3D mapping, and user detection

**Sony’s Angels (2024)**

*Identified opportunities for design improvements using data-driven text analytics and image processing*

* Utilized generative based AI and Retrieval-Augmented Generation (RAG) to identify and implement design opportunities using data scraped from online reviews, social media platforms and Google Search Interest

**HavLink reward database system (2024)**

*Design a reward database system to store the points/tier data for all users of a social media platform*

* Applied hash table, AVL tree and Singly Linked List as backend data structures to minimise time complexity

**CO-CURRICULAR ACTIVITIES**

**SUTD Muslim Society**

***Publicity Director***  2022-Present

* Designed posters, created 60% more digital content, and managed social media accounts, boost   
  awareness and engagement
* Championed the planning and execution of club events with clear objectives to elevate society’s impact
* Facilitated seamless communication with Mendaki, Association of Muslim Professional (Amp), Al-Falah Mosque and other university Muslim societies

***Logistics Director*** 2022-2023

* Managed resources and inventory efficiently, cutting down event-related expenditures by 20%
* Oversaw the maintenance and upkeep of the Prayer Room, ensuring it remained in good condition

**SUTD Taekwondo** 2022-2023

***Treasurer***

* Managed the club’s budget and expenses, processed invoices, and tracked funds to provide clear and accurate financial reports throughout the financial year
* Facilitated seemless communication between the school administration and coaches

**SKILLS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Languages: Proficient in Englis and Malay with basic Mandrin

Skills: Python (Pandas, Scikit Learn, Numpy, SciPy), R, SQL, basic html, css and javascript

**PERSONAL\_INFORMATION**

* Deep interest in applying AI, visual art, design thinking and Human Computer Interaction to drive innovation
* Enjoy playing various sports, especially badminton
* Family-oriented person and an enthusiastic learner