MOHAMED AMMAR BIN MOHAMED YUSRI
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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