IZZ HAFEEZ BIN ZEK HAZLEY

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EDUCATION

Bachelor of Computing in Computer Science, National University of Singapore   Aug 2021 - May 2025

- Second Major in Mathematics
- Dean's List placement in two semesters
- GPA: 4.69/5.00
- Distinction in Database Systems Focus Area

SKILLS

Technologies	React, TypeScript, Vue, Svelte, FastAPI, Astro, Electron, Rails
Technical Skills	UX Design, Web Development, Accessibility Design, Performance Optimization
Soft Skills	Divergent Thinking, Open-Mindedness, Flexibility

EXPERIENCE

Frontend Development Intern — *WaveScan Technologies*   May 2024 - Aug 2024

- Streamlined operations by unifying various robotics control software into a single Electron and Svelte platform.
- Enabled rapid insights for improved decision-making by developing real-time visualizations using D3 and VTK.

Software Engineering Intern — *Quantum Inventions*   May 2023 - Aug 2023

- Attracted 12 clients to the company by developing a dynamic API showcase platform using React and Rails.
- Enhanced visual appeal by implementing an interactive OpenLayers map to demonstrate API outputs.

Enterprise Information Developer — *Ministry of Manpower*   Feb 2021 - Jul 2021

- Promoted good data governance practices to 2400+ employees by designing a SharePoint portal using JavaScript.
- Strengthened COVID-19 contact tracing efforts with PowerBI dashboards for tracking dormitory data.
- Reduced turnaround time for account queries by automating user account reports with Excel.

Data Analytics Specialist — *Singapore Civil Defence Force*   Feb 2019 - Jan 2021

- Shortened Singapore's emergency response times during the pandemic by developing and leveraging a resource optimization application written in React and Flask.
- Achieved 88% runtime speed-up and 96% Google API cost reduction by implementing location-caching strategies.
- Future-proofed emergency services by devising a Python model that simulated demand over 13 years, leading to proposed placement of 10+ fire bases and 30+ ambulances.

Head of Programming — *Victoria Robotics-Makers Club*   May 2017 - May 2018

- Prepared 30+ club members for robotics competitions by conducting 10+ coding training sessions.
- Ensured smooth operation of camp activities by promptly organizing alternatives during weather disruptions.

PROJECTS

BuilderPal. Developed an AI-powered project recommender using React, FastAPI and MongoDB. Partnered with VIVITA to reach a user base of over 800 children across 7 countries.

StatAttack. Created a data-based card game using React, FastAPI and websockets, attaining a player base of 136.

CERTIFICATES

- Google - UX Design Professional Certificate
- Meta - Front-End Developer Professional Certificate
- AWS - Developing Applications on AWS
- Confucius Institute - HSK 5 Chinese Proficiency Test