# NAME: HALEEMA IRFAN

96692569 • haleemairfan04@gmail.com • https://personal-portfolio-zcau.onrender.com/

## **EDUCATION**

# **National University of Singapore**

Jan 2023 - Dec 2027

Jan 2021 - Dec 2022

# **Bachelor of Computing in Computer Science**

 Relevant Coursework: Object-Oriented Programming, Algorithms and Data Structures, Software Engineering

Junior College
Completed GCE A' Levels obtaining a 87.75 rp

Raffles Institution 2021-2022 Secondary School

Raffles Girls' School

Jan 2017 - Dec 2020

# Completed GCE O' Level in Urdu language obtaining an A1

• Graduated with 3.87 GPA in 2020

## **PROJECTS**

## **Campus Connect, Mobile Application**

Jun 2024 - Aug 2024

- Made using a PERN stack, Campus Connect is a social media platform that connects Singapore university students for academic and personal guidance.
- Developed RESTful API endpoints with Express for seamless interaction between backend and frontend.
- Built user-friendly mobile interfaces in React Native, prioritizing intuitive UX and responsive UI styling with Tailwind CSS.
- Implemented real-time chat functionality using WebSockets, enabling instant peer-topeer communication.
- Designed its database schema using PostgreSQL and managed it on Supabase.
- Developed a memory-based collaborative filtering algorithm to deliver personalized content feeds.

### **Derek, Desktop Application**

Sep 2024 - Oct 2024

- Built a Java-based chatbot to manage to-dos.
- Wrote modular, scalable, and clean code following OOP principles, improving maintainability and readability.
- Developed frontend using JavaFX, creating an intuitive and user-friendly graphical interface.

#### Reminder Bot, Telegram Bot

Aug 2024 - Oct 2024

- Wrote backend logic in Python, writing APIs to interact with MongoDB for storing and retrieving reminders, ensuring efficient data handling.
- Deployed the bot on Render, implementing a CI/CD pipeline to automate deployment and enhance reliability.

# Personal Portfolio, Web Application

Nov 2024 - Dec 2024

• Developed React Native and Tailwind CSS with a responsive design for use on both mobile devices and laptops.

 Automated deployment with a CI/CD pipeline using GitHub Actions, integrating Docker containerization and deployment to Render for seamless updates and high availability.

#### **SKILLS**

 Java, C, Javascript, Typescript, Python, Tailwind CSS, React, HTML, Node.js, PostgreSQL, MongoDB, Supabase, Render, Docker, Git

#### **WORK EXPERIENCE**

# Singapore Women's Hall of Fame Intern at Singapore Council of Women's Organisations, Programme Executive Intern

Jan 2023 - Dec 2023

- Created a pitch deck used to communicate Project Awesome's vision and objectives to corporate sponsors, supporting efforts to secure funding and raise awareness for national outreach initiatives
- Designed educational and marketing resources communicated key project goals to student beneficiaries, supporting outreach and engagement efforts
- Managed tasks in a remote setting, delivering high-quality outputs on time under minimal supervision

# Executive Education Intern at Lee Kuan Yew School Of Public Policy, Executive Education Intern

Jan 2023 - Dec 2023

- Created marketing collaterals for programmes
- Drafted reports on the Singapore Futures Youth Competition 2023, ensuring professional presentation and adherence to organizational standards
- Facilitated webinars and in-person programs, managing logistics and engaging with diverse teams

#### **LEADERSHIP**

- National University of Singapore Computing Freshmen Orientation Programme Sponsorship Head, 2023/2024
- National University of Singapore Ridge View Residential College House Events Head, 2024/2025
- Raffles Girls' School Secondary 4 Class Chairperson, 2020