Chee Wei Xiong Clifton

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EDUCATION

National University of Singapore

Bachelor of Computing (Honours) in Computer Science — *Aug 2022 – May 2026*
- Attained Artemis (Extreme) Level in Orbital (Software Development Project)
- Relevant coursework: Programming Methodology, Data Structures & Algorithms, Computer Organisation, Computer Networks, Database Systems, Software Engineering, Design & Analysis of Algorithms

Lund University, Sweden

Bachelor of Computing — *Jul 2024 – Jan 2025*
- Relevant coursework: Advanced Database Systems, Natural Language Processing

TECHNICAL SKILLS

Languages: Java, Python, C#, JavaScript, TypeScript, Go, HTML/CSS
Frameworks: React, React Native, Node.js, JUnit, Jest, Material-UI, PyTorch, Firebase, Django REST, MongoDB
Developer Tools: Git, VS Code, PyCharm, IntelliJ, OpenAI, Microsoft Azure
Libraries: pandas, NumPy, Matplotlib, scikit-learn

WORK EXPERIENCE

NUS Enterprise | Software Engineer Intern — Dec 2023 – Aug 2024
- Developed and delivered 8 startup MVPs, accelerating their go-to-market strategies
- Built scalable full-stack applications in teams of 4 for industries including MedTech, EdTech, agriculture, and leisure, using React, TypeScript, Django, Firebase, and MongoDB
- Deployed production-ready web applications on Microsoft Azure, ensuring high availability
- Worked directly with clients to define requirements, iterate on product features, and develop an AI-powered travel app tailored to user needs

The Digital Spacee | Web Development & Digital Marketing Intern — Mar 2022 - May 2022
- Provided front-end website development for 5 customers using WordPress, Shopify, HTML & CSS
- Implemented website maintenance, content management, updates and security resource tutorials to assist end-user training

Singapore Police Force | Ground Response Force Officer — Feb 2020 – Feb 2022
- Gained extensive experience in multitasking and handling conflict between parties through handling over 500 cases
- Excelled in a fast-paced environment that required flexibility and composure in high-pressure situations
- Received Commander's Award for good incident management

PROJECTS

Big Heart Bros | *TypeScript, Prisma, Supabase, Tailwind, NextAuthJS* — Feb 2024 – Feb 2024
- Finalist Project for Hack4Good 2024 (Top 5)
- Volunteer Management System (VMS) for NGOs using GenAI tools and recommender system to match events to volunteers and reward volunteers' efforts

Polaris (Orbital) | *React, Python, Firebase, Unity* — May 2023 – Aug 2023
- Developed full-stack AR stargazing mobile application with Unity AR framework
- Passion project to share the joy of stargazing in light-polluted cities such as Singapore

LEADERSHIP & CO-CURRICULAR

Google Developer Student Club, NUS | *UI/UX Developer* — Aug 2023 – Jul 2024
- Created wireframes, high-fidelity mockups and ensured designs are responsive across different platforms that were in use for club website

NUS Raffles Hall | *President, Hearhtfelt* — Aug 2023 – Jul 2024
- Led a group of 40 members to conduct workshops and discussions that boosted 800 residents' mental health
- Spearheaded a peer support system within Raffles Hall for individual floors
- Participated in other portfolios such as Block Comm and Orientation Group Leader to assimilate residents through bonding events for 140 residents