

AARON TAN YANG ZHI

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EDUCATION

National University of Singapore Aug 2019 – June 2023 (Expected)

Bachelor of Computing (Hons), Information Systems

- Current CAP: 4.02 / 5.0
- Relevant modules taken:
 - ❖ CS2040: Data Structures and Algorithms
 - ❖ IS3106: Enterprise Systems Interface Design and Development
 - ❖ IS4100: IT Project Management
 - ❖ IS4103: Information Systems Capstone Project

ACADEMIC PROJECTS

Jan 2022 – May 2022

IS4103: Information Systems Capstone Project (Distinction)

- Part of a team of 6 members
- Build an end-to-end solution for Alt.Native, a platform for refashion services
- Backend using Java, Spring Boot, Frontend using React

WORK EXPERIENCE

Port Singapore Authority (PSA)

May 2022 – Oct 2022

Software System Engineer

- Refactored legacy code and developed a new and improved model that automates PSA's yard housekeeping operations through container shuffling
- Setup cloud infrastructure for model testing

PERSONAL PROJECTS

Bang! The Dice Game

React JS, Express

- A web application trying to clone the physical board game BANG! The Dice Game (In Progress)

ADDITIONAL INFORMATION

Languages:

- English (Native), Mandarin (Fluent), Japanese (Elementary)

IT Skills:

- Python (Flask, bs4, AI & ML libraries: pandas, scikit-learn, opencv)
- Java, Spring Boot, R, PostgreSQL, Linux
- Javascript, HTML, CSS, React, React-MUI
- Google Cloud Associate Cloud Engineer (GCP)
- Familiar with Project Management processes: AGILE, SCRUM
- Game Development: C# with Unity and Godot