

Peh Hou Jin

Software Engineering/Development Intern
(May – Aug 2025)

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Education

National University of Singapore (2024 – 2028)

- Double Major in **Computer Science** and **Mathematics**

National Junior College (2016 – 2021)

- Subjects taken: **H3/H2 Mathematics**, **H2 Chemistry**, **H2 Physics**, **H1 Economics (88.75 RP)**
- Actively participated in Mathematics competitions; received **Bronze in SMO 2021**, **Distinction in AuMC 2020**

Experience

Product Intern (Apr – Jul 2024)

SQL VIEW (Tech Start-up)

- Used **Google Apps Script** to automate updating of employees' timesheets, consolidation of POs/PRs and transfer project details for **100+ contracts**
- **Streamlined dashboards on Metabase** to keep track of customers' product usage using **SQL queries**
- Assisted in **designing UI** for user purchase journeys & product modules

Singapore Science & Engineering Fair (Apr 2020 – Mar 2021)

- Research project analysed carbon footprint of local aquaculture using **large databases**; performed **data cleaning and processing** and **created visualisations** in **Microsoft Excel**
- Presented project at the Singapore Science & Engineering Fair 2021, reaching **Final Round**

Projects

Bus Stop Navigator

React, Node.js, Express, PostgreSQL

- Built a website using **React (frontend)** and **Node.js (backend)** that lets users locate nearby bus stops from MRT stations and provides detailed directions
- Data stored in **PostgreSQL database** is queried using **SQL** from backend

HDB Resale Prices — Exploratory Data Analysis (EDA)

- Performed a comprehensive **EDA** in **Python** on a Kaggle dataset containing **over 800,000 HDB resale records** using **pandas**, **matplotlib** and **seaborn** to generate **compelling visualisations**

Flip!

- Designed an **original logic puzzle minigame** in **Python** using **pygame**, including a menu page, tutorial, and 10 game levels

Technical Skills

Languages: Python SQL JavaScript HTML/CSS

Tools/Software: Git React Node.js/Express

Certificates: Google Data Analytics Certificate (2023), Andrew Ng's Machine Learning Specialisation (2024)