

Daniel Wong Yong Shen

Junior, Bachelor of Computing, Computer Science

Full-stack developer focusing on developing elegant solutions for real users

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EDUCATION

Bachelor of Computing, Computer Science National University of Singapore

08/2018 - 2022 (Expected)

CAP: 4.54

Achievements

- Pursuing Artificial Intelligence and Computer Networks as Focus Areas
- Experienced in Software Engineering and Product Design from CS3216/7
- Former Teaching Assistant for CS2030 Programming Methodology

WORK EXPERIENCE

Visa Inc.

Software Engineering Intern

05/2020 - 07/2020

Singapore

Achievements/Tasks

- 1st Place in Visa Global Intern Hackathon
- Participated in the Global Intern Case Challenge
- 6th in Intern X-Factor Challenge (Singapore & India)

PROJECTS

PiggyBuy

Visionary, Team Lead, Full Stack Developer

09/2020 - 2022 (Expected)

Achievements/Tasks

- PiggyBuy is a social commerce app that connects neighbours, enabling them to organise group buys to get discounts and save on shipping fees
- 3rd Place in 17th NUS SoC Term Project Showcase (STePS)
- Available on App Store and Google Play, developed with Flutter and Firebase
- Conceived and validated PiggyBuy as a viable innovation for a real problem
- Served as lead presenter for pitches, established marketing strategies
- Implemented authentication, profile, data integrity and backend integration
- Directed development timeline and work allocation amongst teammates

Ping2Pay

Front-end Developer

06/2020 - 07/2020

Achievements/Tasks

- Ping2Pay enables secure peer-to-peer payments with Visa Direct through an in-chat payment interface that integrates with any chat application
- 1st Place Winner in the Visa Global Intern Hackathon
- Created proof-of-concept application utilising React Native and Firebase
- Implemented real-time chat feature and backend integration

PROGRAMMING LANGUAGES

JavaScript

Java

Swift

Dart

SQL

FRAMEWORKS

Flutter

UIKit

React

Node

PostgreSQL

Kubernetes

SKILLS

Mobile App Development

Experienced in Flutter, Swift/UIKit and React Native to create mobile apps for iOS/Android

Backend Development

Experienced in designing and implementing REST API endpoints for application backends with React, Node and PostgreSQL

Database Systems & SQL

Experienced in designing normalised databases on relational database systems, utilising views and triggers extensively

Java Programming

Highly experienced in Java Programming, including Java Swing, JavaFX and Object-Oriented Programming

DevOps

Able to use Kubernetes to manage deployment, scaling and health of containers

LANGUAGES

English

Native Proficiency

Chinese

Professional Working Proficiency

INTERESTS

DIY & Repair

Gadgets

Coffee