



Daniel Wong

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EDUCATION

Bachelor of Computing, Computer Science National University of Singapore

08/2018 - Present

Highlights

- Teaching Assistant for Programming Methodology class
- Focused on the Computer Networks and Software Engineering areas of study
- Studied Media Computing and Database Systems for breadth
- Enrolled in CS3216/7, covering Product Design & Engineering, and Software Engineering on iOS/Android

International Baccalaureate (IB) Diploma Anglo-Chinese School (Independent)

01/2010 - 12/2015

Relevant Courses

- Higher Level Computer Science w/ Database Systems

WORK EXPERIENCE

Software Engineering Intern Visa Inc.

05/2020 - 07/2020

Singapore

Achievements/Tasks

- Clinched 1st Place in Visa Global Intern Hackathon
- Participated in Global Intern Case Challenge
- Engaged with Visa leaders across the globe
- Top 6 in India & Singapore Interns X-Factor Challenge

Admissions and Student Services Officer St. Francis Methodist School

01/2018 - 07/2018

Singapore

Achievements/Tasks

- Helmed admissions process during staff turnover period
- Created a digital filing system for admissions documents
- Initiated a digital tracking system for new admissions
- Evaluated and proposed an online admissions system

Administrative Support Assistant Manpower Br., HQ 3rd Div, Singapore Armed Forces

01/2016 - 11/2017

Singapore

Achievements/Tasks

- Lead a team that assigned recruits across 11 units
- Revamped Microsoft Excel-based personnel tracking system
- Assisted in the development and deployment of Javascript-based attendance taking software

PROGRAMMING LANGUAGES

Java

JavaScript

Swift

SQL

Python

PROJECTS

Modmates - Product Design Project (08/2020)

- Conceived a social network that enables friends to find friends and also create or join groups in their university modules
- Designed a fully-fledged prototype on Figma for user testing
- Took the project from idea to reality with product design processes

Ping2Pay - Visa Global Intern Hackathon (06/2020 - 07/2020)

- Created a proof-of concept application that enabled peer-to-peer payments within any chat application
- Utilised React Native for frontend and Firebase for backend
- 1st Place Winner in the Visa Global Intern Hackathon

Q with Queue - Software Engineering Project (03/2020 - 05/2020)

- Developed a restaurant queue and reservation management system for both iPhone and iPad for CS3217
- Written with Swift with Firebase for storage and authentication
- Focus placed on employing good software design principles

VOLUNTEER EXPERIENCE

TEDxACSIndependent - Tech Director (01/2015 - 07/2015)

Designed, procured and managed a Full HD live streaming system. Created event website and directed video production throughout.

Computer Services Team - President, ACS Independent (01/2013 - 12/2015)

Crafted a Java-based syllabus to teach programming to interested students. Participated in National Olympiad for Informatics.

SKILLS

Java Programming

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

Web & Mobile App Development

Experienced in Swift, React/Native and Node to create web or mobile applications while maintaining proper Software Design Principles.

SQL & Database Systems

Experienced in SQL, Relational Database Management Systems (PostgreSQL, MySQL, SQLite) and Normalisation Principles.

LANGUAGES

English

Native Proficiency

Chinese

Native Proficiency

INTERESTS

DIY & Repair

Gadgets

Travel

Food