



Huang Lie Jun

Software Engineer

EXPERIENCE

NodeFlair — Freelance ReactJS Software Engineer

AUGUST 2018 — SEPTEMBER 2018

React Rails SASS Ruby Rails PostgreSQL

Designed and implemented a responsive UI/UX revamp for a talent acquisition web application, delivering frontend and service features for invitation-offer pages and messaging.

UrbanZoom — Freelance Dialogflow Software Engineer

JUNE 2018 — JULY 2018

Express Google Cloud Dialogflow Twilio

Engineered a Dialogflow application for property valuation and extended the agent to Google Assistant using Actions on Google, and to Twilio call service using Twilio Voice.

LittleLives — Contracted Software Engineer, NUS CS3217

APRIL 2018 — JUNE 2018

Swift UIKit Vision Azure Face

Integrated an attendance-taking iOS application with extensible face detection and recognition services, designed interaction interfaces and architected the application in VIPER design pattern.

ShopBack — Software Engineering Intern

DECEMBER 2016 — MAY 2017

ReactJS SASS Mocha Chai Sinon
Laravel Eloquent PHPUnit Mockery MySQL

Deployed key user, content and cashback management features, contributed to consumer site UI/UX marathon, delivered production fixes and maintenance.

DSO Laboratories — Emerging Systems Intern

MAY 2015 — JULY 2015

C++ OpenCV OpenMP Intel IPP

Researched and implemented object-tracking on normalised inputs. Optimised and analysed tracking using multi-threading and multi-processing technologies.

CONTACTS

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LANGUAGES

English Chinese
Java JS Swift

CERTIFICATIONS

Certified Ethical Hacker

EC Council CEH certification for year 2016/17.

LEADERSHIP

NUS Students' Computing Club

RAG Creative Director (2017)

Led creative directions for stage designs, story flow and scene transitions.

NUS Students' Computing Club

Deputy Welfare Director (2016)

Organised student welfare programmes for student engagement and wellness.

Singapore Armed Forces

Deputy Manpower Officer (2013)

Managed financial assistance cases, disciplinary charges, prison visits, induction programmes, unit interviews and personnel postings.

English Drama Club (High School)

Vice-Chairman (2009)

Managed training sessions, club morale and discipline, communications between staff, trainers and students.

EDUCATION

National University of Singapore

B.Comp Science (Honours-Merit)

Minor in Interactive Media Dev.

CAP: 3.76

Hwa Chong Institution

Integrated Programme, AAA/A

H2 Physics, H2 Computing, H2

Math, H1 Project Work

DEVELOPER PROJECTS

Ethereum Block Explorer

2019 – Personal / 3 WEEKS

ReactJS Redux SASS Webpack Express

Responsive blockchain explorer single-page application, built for browsing Ethereum transactions by accounts.

Widgets for WhatsApp

2018 – Personal / 1 WEEK

Java Android Gradle

Customisable, elderly-friendly single-click Android contact widget for WhatsApp™ users, published on Google Play.

React Chat

2018 – Personal / 2 WEEKS

ReactJS SASS Rollup Travis Storybook

Extensible presentational chat components with minimal dependencies, published as a public ReactJS NPM library.

PokéMania

2018 – NUS CS3217 / 3 WEEKS

Swift UIKit Cocoapods XCTest

Pokémon-themed iOS Bubble Blast game designed in MVC, written using only UIKit and Foundation as dependencies.

Bubble Chat

2016 – NUS CS3216 / 4 WEEKS

React Native Socket.io Express SQLite

Topic-threaded real-time mobile chat application for university students, deployed for Android and iOS systems.

ToDoList

2016 – NUS CS2103T / 6 WEEKS

JavaFX ControlsFx JUnit

Smart agenda desktop application designed for keyboard experts with support for natural sentence inputs.

AWARDS

ShopBack

Star Awards (Ownership)

Awarded for taking ownership in internship assignments.

NUS School of Computing

9th SoC Term Project (2nd Place)

Bubble Chat was awarded as the second most popular project in the CS3216 module.

Singapore Armed Forces

Chief Transport Officer Coin

Awarded for professionalism as deputy manpower officer in the battalion.

Singapore Armed Forces

Sword of Merit

Awarded for top 10% performance among cohort of commissioned officers in the 89/12 Officer Cadet Course.

Hwa Chong Institution

Resilience Award (自强不息)

Awarded for aptitude and resilience as a student leader in high school.

COMMUNITY

NUS Annual Giving

2018 Class Champion

Fundraised for financially challenged NUS students.

NUS Rag and Flag

Ragger, Beneficiary Engagement

Engaged students under MINDS at Fernvale Gardens School, planned and participated in performances and flag days.