



Huang Lie Jun

Front-End Software Developer

EXPERIENCE

NodeFlair — Freelance ReactJS Engineer

AUGUST 2018 — SEPTEMBER 2018

React on Rails

Postgres

Delivered mobile-first experience for talent hiring application with site features such as invitation, offer and messaging with React on Rails.

UrbanZoom — Freelance Google Assistant Developer

JUNE 2018 — JULY 2018

NodeJS

Firebase

Dialogflow

Twiml

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

LittleLives — Contracted Module Project, NUS CS3217

APRIL 2018 — JUNE 2018

Vision

Azure Face

Pre-school attendance-taking iOS application made for LittleLives. Leverages on Azure Face and iOS Vision for face detection / recognition. Built with VIPER design pattern.

ShopBack — Software Engineer Intern

DECEMBER 2016 — MAY 2017

ReactJS

Laravel

SCSS

SQL

Built key user and cashback management features using ReactJS and Laravel, participated in consumer site UI/UX marathon, delivered production fixes and maintenance.

Defence Science Organisation — Research Intern

MAY 2015 — JULY 2015

OpenCV

OpenMP

Intel IPP

Researched and implemented object-tracking solutions for normalised video feeds using OpenCV in C. Optimised performance using Intel IPP and OpenMP.

CONTACTS

 hliejun.dev@gmail.com

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 hliejun.github.io

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

Widgets for WhatsApp

2018 – Personal / 1 WEEK

Java

Android

Useful, one-click contact widget for WhatsApp™ users.

React Chat

2018 – Personal / 2 WEEKS

ReactJS

Travis

Storybook

Rollup

Extensible ReactJS chat components written as NPM library.

PokéMania

2018 – NUS CS3217 / 3 WEEKS

UIKit

Cocoa Pods

Pokémon-themed Bubble Blast game written from scratch with only access to UIKit and Foundation.

Bubble Chat

2016 – NUS CS3216 / 4 WEEKS

React Native

Socket.io

Topic-threaded mobile chat application that resembles topical online chat rooms and forums, but using a real-time mobile chat event-based environment.

ToDoList

2016 – NUS CS2103T / 6 WEEKS

JavaFX

Natty

JUnit

To-do list application with focus on keyboard interactions and minimal mouse interactions.

CREATIVE PROJECTS

Interactive Story: Missing Children of Ann Siang Hill

2018 – NUS NM3222 / 1 WEEK

Bitsy

Explorative pixel-art story on discoverability and replay, implemented and designed with Bitsy.

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.