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

 github.com/hliejun

in linkedin.com/in/hliejun

www 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.