

# Louis Chan

Hi! I am a full stack developer, and this is my CV.

## Experience

### **BottleTech Limited (平科技), Macau — Full-Stack Engineer**

February 2018 - PRESENT

This has been my main career since graduating my degree. The company is a small startup, allowing me the freedom to gain experience in a wide range of technologies. During my time here, I have built websites, apps, and VR experiences, usually from scratch. I would usually work with one other software engineer, and a designer.

The bulk of the websites were written using Laravel as a backend, and React or Vue as the frontend. We currently use AWS Lightsail to host these websites (previously we used a shared host).

I also programmed a native Android application called Parker from scratch, where I was able to learn modern Android development techniques. I have also done work to upgrade an old (version 4X) React Native app to the latest version of RN, where I learned a little about iOS mobile development.

We also created VR apps using Unity, running on Oculus Quest.

## Education

### **Imperial College London, UK — Computing MEng**

September 2013 - July 2017

The computing degree in ICL focuses on providing useful practical experience to students, with group projects working with large codebases, and considerable workloads, such as writing a compiler from scratch, or adding features to an operating system. It was a useful combination of both theory and practical.

### **Tapton School, Sheffield, UK — 4 A-Levels A\*A\*AA**

September 2006 - July 2013

I achieved two A\*s and two As in Maths, Further Maths, Physics, and Chemistry during my A-Levels.

## Projects

### **Personal Website — <https://louischan.dev>**

My own personal website is currently hosted on Vercel, and is built with Next.js and TailwindCSS

### **HackerNewsCompose - <https://github.com/louischan/HackerNewsCompose>**

This is a basic native Android app for viewing Hacker News I created for the purposes of learning Jetpack Compose. It is currently a proof of concept, not designed for production usage.

## Technical Skills

Laravel/PHP  
HTML/CSS/Javascript  
React  
Vue  
Android/Kotlin/React Native  
Unity/C#  
Java  
Python  
Haskell/Purescript  
Linux/Bash/Vim

## Languages

### English (Fluent)

I grew up in England, so I am fluent in English.

### Chinese (Conversational)

My parents are from Macau, so I speak everyday conversational level of Cantonese Chinese. I can also read and write enough Written Chinese to get by in everyday life.

### Japanese (Conversational)

I consume a lot of Japanese media, and I have studied Japanese to the level where I can understand about 80% of everyday conversations (as long as I am familiar with the topics discussed).