**Sing Lun Alan Tang**

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LINKS GitHub: https://github.com/alantangsinglun

PROFILE Hi, I am Alan, I have over 10 years hands-on experience in developing software applications from mobile to web and recently to the cloud. I love to learn, coding and research new technologies, I love to apply what I learnt to the job and love to share it with all the people around the world. On my early years I work for the Hong Kong government and have gain valuable experiences on project management and have held several department meetings for project collaboration, business requirement collection, procument even government style documentation. I have also worked experiences on private listed companies including finances and investment bank.

EMPLOYMENT HISTORY

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| **Oct 2021 — Apr 2022** | **Software Engineer**  **CLSA (Investment Bank)** | **Tai Koo Shing** |
|  | - Participate in Developing the Corporate Investment Forum.  - Developed the App inside a strictly un-hackable environment.  - Have experience by using android Gradle in building projects, tailor made for the in-house environment. |  |
|  | Technology Used: React Native, Android Studio, React Redux |  |

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| **Jun 2020 — May 2021** | **Full-Stack Developer, Sky Cover Technology**  **(Subsidiary company of Bull-B Technology).** | **Hong Kong Cyber-Port** |
|  | - (In-House) Core developer using React Native to developed a mobile based (IOS and Android) app for schools to communicate / apply sick leave /return reply slip and apply courses with parents at Hong Kong. Also responsible for Building and deploying IOS Apps using XCode. Launch the IOS and Android App to Apple app store and Google play store.  - (Out-Based) Responsible for revamp the “XiBi Gold” website to support responsive design which can be viewed on any device as small as a 280px at width.  - Have experience to setup and deploy Web-applications by using CI/CD to git lab.  - Experience in containerize the Web-applications by using Docker for development and testing purpose. |  |
|  | Technology used for Mobile: React Native, advance state management by using MobX.    Technology used for web base: Next js, Redux, adapt responsive design by using Flex-Box, centering image technologies such as margin left right auto, sizing images by using max-width; min-width. |  |
| **Feb 2019 — Aug 2019** | **Analyst Programmer - Global-e solutions**  - Helps to developed a Java base financial application. The key point for this project is to create java threading so as to collect real-time financial data (such as quote price, unit price…etc.) and display in the system.  Technology used: Java | **Kwun Tong** |
|  | - Helps CIHE College to develop a Room Booking System for students to book/schedule an appointment for class room and lecturer theater. The System is developed as a web base and also for mobile (Android and IOS). For the mobile part I am responsible for the QR Code scanning.  - Room Booking System.  - Allow user to Login / Create / Delete  - Assign Role / Group / Functions for accessing different web pages and functionalities  - Allow user to book Room through mobile App (ios/ android) using qr-code which is written in React Native.  - A scheduler calendar that allow user to create / edit / delete room slots, which is written in JavaScript. |  |
|  | Technology used for web base: ASP .Net Core, Microsoft SQL server.  Technology used for mobile: React Native |  |
| **Jun 2006 — Sep 2018** | **Dental Technician (Family Business - Self Employed)**  **Defender Brace** | **Fo Tan NT.** |
|  | - Fabrication of Dental appliance  - Develop Company Web Site and design Leaflet. |  |
|  | Technology Used: ASP, Access Database |  |

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| **Feb 2001 - Jun 2006** | **Information Specialists**  **HKSAR Electrical and Mechanical Services Department** | **Kowloon Bay** |
|  | - Participate database design and programming of a Web based system for handling the construction accident statistics data works departments.  - Provide programming support on EMSD Internet and Intranet Homepage.  - Assist Services Development Unit (SDU) on the design and programming of Works Bureau Intranet Homepage.  - Block Vote Reporting System (Highways Department)  Participate in database design and programming, system design and coding. The system can Assign Role / Group / Functions for accessing different web pages and functionalities. |  |
|  | Technology Used: Active Server Pages, Perl, Microsoft SQL Server, Microsoft IIS web server |  |

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| **Education Experience** | **The Polytechnic University of Hong Kong** | **Hung Hum** |
|  | - For the final year project. I developed a stock prediction system, which uses backpropagation deep learning neural network.  Technology Used: Java Servlet |  |
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EDUCATION

2000 — 2003 BA (Hons) in Computing, The Hong Kong Polytechnic University

HKSAR 1997 — 2000 Credit in HD in Information Systems, Hong Kong Technical College

COURSES

2022 UAMY.CP5.1x: DevOps: Foundations and tools

Red de Universidades Anáhuac (Graduated),

2020 Cloud Developer (AWS) Udacity (Graduated),

2019 React Udacity (Graduated),

2018 Front-End Web Developer Udacity, (Graduated)

Skills Set

SASS React Redux

Object Oriental Programming (OOP) Responsive Images

ASP. NET Core Rest API

Terraform Java

AWS Serverless Java Servlet

Microsoft SQL Server Git

Docker Containers Nodejs

Kubernetes Typescript

Android Studio MySQL

React React Native

HTML 5/ CSS JavaScript

Django / Python

Availability

Immediate