

Darren Yuk Ho, POON

Portfolio Website: <https://dyhpoon.me>

GitHub: <https://github.com/dyhpoon>

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Result-driven and passionate software engineer, who has a comprehensive record of designing and developing a variety of software projects, from mobile apps to enterprise systems to web. Possess seven years of experience in software development and keen to develop professional expertise in full-stack development with a focus on backend, devops and cloud technologies.

Work Experience

Mar 2019 – Present	Welab Bank Software Engineer	Hong Kong
	<ul style="list-style-type: none">Participated in building one of the virtual banks in Hong Kong<ul style="list-style-type: none">Designed, and implemented security solutions to keep application data secure in dynamic infrastructure across clouds and environments using Hashicorp Vault and TerraformImplemented and maintained CI/CD pipeline for different applications using Kubernetes, Helm, ArgoCD, and etcAssisted in design, development, and testing of different microservices and workflows using Spring and AirflowMigrated Welend's loan disbursement system from ACH (Automated Clearing House) to FPS (Faster Payment System), processing billions of HKD annually	
Feb 2016 – Aug 2018	Branch8 (incubated in Y Combinator, Summer 2015) Software Engineer	Hong Kong
	<ul style="list-style-type: none">Participated in designing and developing <i>branch8</i>, a platform that helps sellers to better manage products and orders across different marketplaces<ul style="list-style-type: none">over 10 millions of products are managed by branch8built the application stack using Node.js, acs-engine, typescript, javascript, react.js, rematch.js, ant-design, egg.js, postgresql, redis, and etcLed the engineering team, and provided guidance to peersSetup a fully-containerized application stack in Kubernetes with CICD pipeline using Google Cloudbuild, Istanbul, Helm, and etc	
Sep 2013 – Feb 2016	Premiumsoft Cybertech Limited <i>Senior Software Developer</i>	Hong Kong
	<ul style="list-style-type: none">Developed "<i>Grab for Instagram</i>" in both Android and iOS using Java and Objective-C. "<i>Grab for Instagram</i>" expands the capabilities of Instagram, collect photos, videos for your private Stacks, repost a favorite picture/video, etc<ul style="list-style-type: none">Awarded the 19th Webby Awards Official Honoree – "MOBILE SITES & APPS" Best Use of Mobile Camera in 2015Millions of users have downloaded and rated 4+ on app store and Google PlayReached rank #1 on app stores in 13 different countriesMore than 200,000+ daily active usersAutomated iOS and Android test cases and report generation using JenkinsCI, SonarQube, Docker, cucumber tests and other open source toolsAssisted in implementing other internal side projects, ex: <i>Maxie</i>, <i>Navicat Centralized Authenticated system</i>, <i>Navicat Cloud</i> using Golang, Kafka, PHP, MySQL, MongoDB, memcached, apache, and etc	

Education

Sep 2012 – Jul 2013	City University of Hong Kong Master of Science in Computer Science, Distinction	Hong Kong
Sep 2008 – Jun 2012	University of Waterloo Bachelor of Computer Science, Honour	Ontario, Canada

My Open Source Projects

Fo.dex:	An Android application allows you to index photos at ease - https://github.com/dyhpoon/Fo.dex
Android Dockerfiles:	Containerized Android Emulator in docker - https://github.com/dyhpoon/Android-Dockerfiles
Attack on Pirates:	A 2D puzzle game powered by Corona game engine - https://github.com/dyhpoon/Attack-on-Pirates

Computer Skills

Software, Frameworks, and Others:	Proficient: Git, Docker, Express.js, Koa.js, Egg.js, Node.js, Redis, scripting, Azure, AWS, GCP, PostgreSQL, Heroku, Kubernetes Prior experience: Angular.js, CSS, MongoDB, Memcache, Kafka, iOS, Android, React.js, Vue.js
Programming Languages:	Proficient: Javascript Prior experience: Objective-C, PHP, Golang, Java, Swift, Python, Ruby, C++, Lua, Scheme, R
Certificates:	AWS Certified Cloud Practitioner, AWS Certified SysOps Administrator - Associate AWS Certified Solutions Architect - Associate, AWS Certified Developer - Associate