DANNY CHEN

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Motivated, passionate, ambitious and detail oriented. Recent university graduate specializing in computer science and software development with on-going interest in Software Developing.

Professional Skills

- Strong experience with Python, Java, JavaScript, Node.JS, Angular2/4(Typescript), NativeScript.
- Strong experience with *Firebase* Services (Hosting, Cloud Functions, Realtime Database, Authentication)
- Experience with Shell Script, C, PHP, Velma, PHP, JQuery, HTML 5, CSS, SCSS.
- Familiar with MySQL, SQLite, Android Application, WIX, AWS, Heroku.
- Experienced with repository command SVN, GitHub, BitBucket.
- Familiar with Cloudflare(Free SSL), Instagram Developer API, YouTube Developer API, Google Analytics
- Strong MS Office Word, Excel and PowerPoint, Prezi skill, Agile Development
- Familiar with Linux (Ubuntu, CentOS), Mac OSX and Windows XP / 2000 / 7 / 8 / 10

Education

University of Toronto Scarborough   Toronto, Ontario   Sept 2013 – Dec 2018

- Candidate, Honours Bachelor of Science

Work Experience

System Developer @H & W Developments Corp.   Toronto, Canada   June 2019 - Present

- Dealing with specifications with ERP/CRM software development team overseas.
- Acquired communication skills for develop specification between company and outsourcing company.
- Developed Enterprise Resource Planning system from scratch with Firebase services, Angular 8 for web application version and **NativeScript** for native mobile version.
- Developed automation reporting system with google sheet and services.
- Acquired communication skills for develop specification between all departments.

Freelancer   Toronto, Canada   Nov 2018 - Present

- Developed the history tracking application (**History Tracker)** for condominium management office
- Acquired communication skills for develop specification between customers.

Contract Developer @ Afavor.com   Toronto, Canada   May 2018 – June 2018

- Diagnosed the failure of auto-payment and resolved the issue on server.
- Monitored transections and provided tutorial to the rest of contract developers.

Software / Web Application Developer @ Horizon Tech   Toronto, Canada   Feb 2017 – Jan 2018

- Developed backend server, and administrator dashboard for web application *Canadahomestays.com* deployed in the AWS cloud server.
- Developed frontend and backend prototype of web application *Gamie.io* deployed on Heroku
- Developed eight demonstrations static websites, and few interactions for customers on *Savvydemo.ca*
- Provided solutions, and gave out proposals and developer specifications to customers.

Android Developer @ ITRI, ROC   Hsinchu, Taiwan   May 2016 – August 2016

- Collaborated with team and developed two Android Application, Fubon Health App and Ethereum.
- Resolved a major runtime issue which caused application crashed when analyzing 27 pictures per second.
- Learned Agile Scrum way of development, Bluetooth SDK, and fundamentals of Bitcoins.

Work Projects

Web Application (MEAN) – Dashboard [H & W Developments Corp.]
- A ERP system for internal use, including data management, file management, cost management, and tracking. Automatic reporting features came along.
- Deploy on Firebase hosting, and required google authentication and signatures which increase the security level of the product.

Android/iOS/Web Application – Walkaround [H & W Developments Corp.]
- An Application that published on Google Play and App Store. It's the mobile version of Dashboard, which employees could use on site to do reporting and checking deficiencies. This app includes all the functions in Dashboards.

Android/iOS/Web Application – Afavor [Afavor.com]
- An Application that published on Google Play and App Store. The app helps people to post favors, and help others need online or locally. Get paid by completing the tasks.

Web Application (Angular2/4) – Gamie.io Prototype [Horizon Tech & Media]
- A web application which supports online multiplayers gaming including math, history questions.
  It's now extendable to more and more kinds of different interactions such as anonymous form.

Web Application (MEAN) – CanadaHomestays.com [Horizon Tech & Media]
- A web application which is a platform that helps student overseas to find a local homestay family, the application is now Toronto based, and we're expanding worldwide.

Savvy Media Website Demos (Integration) – savvydemo.ca [Horizon Tech & Media]
- A website integrated with eight different purposes small website. It's the demonstration for customers to see what the company is capable to build, including online marketing, small business, interior design, and dessert shop.

Android – Fubon Health App [Industrial Technology Research Institute of Taiwan]
- A health care application cooperates with insurance company which is able to keep track of customers' health and body status. Learned more advanced Android developing skills, and mostly the interaction with Bluetooth devices and web API server.

Android – Ethereum portable testing application [Industrial Technology Research Institute of Taiwan]
- A testing based application for Ethereum telling the details from every transaction being sent by customer, this service is usually used in FinTech and industry for which need advanced security.

School Projects

Python – WebWork Integration [School Project – CSCC01]
- Agile Scrum way of development, developed a web application with python as a backend server, VanillaJS as frontend, which integrated Webwork, an open source.

C Language – Poll system [School Project – CSCB09]
- Design a C language command prompt poll system, ie. Doodle like system without GUI
- Learned how to set up a server with C

Java – Puzzle Game [School Project – CSCB07]
- A puzzle-liked game which players can control monkey to eat bananas, and the one who gets more bananas wins
- Learned most Java language implementation skills, and get familiar with class