Danny (Li-Yang) Chen

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Motivated, passionate, ambitious and detail oriented. Recent university graduate specializing in computer science and software development. With solid developing skills including **Angular2/4**, **HTML**, **SCSS** and **Android**. My previous teams developed two web applications for other companies and one Android for the government. I'm looking forward to developing a software that's as groundbreaking as Apple's iPhone and iOS.

Skills

Technical Skills

- Experience with Shell Script, Java, Python, C, Visual Basic, PHP, Velma, JavaScript, Node.JS, AngularJS, Angular2/4(TypeScript), PHP
- MySQL, SQLite, HTML, CSS, Android application, WIX
- Familiar with repository fetching command SVN, GitHub
- 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

Interpersonal Skills

- Strong leadership skill developed through being leader of class, student unions and teamwork projects
- Fluent and appropriate communication skill with both English and Mandarin
- Strong time management skill managing time between school work and hosting club events

Work Projects

Web Application (VanillaJS) – FreakingMath Web Version [Self Project]
- A web application having math exam, but not published.

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 – Matplotlib Library modifications [School Project – CSCD01]
- Agile Scrum way of development, debug matplotlib, fix bugs, adding new features, and send pull request to repository to make contribution to the open source.

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.

Python – SQL system [School Project – CSCC43]
- Design a Python language SQL-like system database with command prompt to access database and return valid results

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

Android application – Flight Booking App [School Project – CSCB07]
- Developed an android application with 3 team members using Java. Customers can use this Virtual app to booked flight tickets
- Learned OOP, design pattern, used CRC Model
- Displayed team working skills by collaborating and cooperation, and also improved communication skills

Python – Hanoi Tower game [School Project – CSCA48]
- Design a Python language command prompt game, which user can input number of towers and number of disks.

Education

University of Toronto Scarborough   Toronto, Ontario   2013 – 2018
Candidate, Honours Bachelor of Science
Computer Science 4th Year

Work Experience

Horizon Tech and Media
- Software / Web application developer   Toronto, Canada   Feb 2017 – Jan 2018
Horizon is a newly started up company. We are developing a platform for student overseas to find a local homestay family. Also, we are developing a new phone application that will help you make better decision.

Industrial Technology Research Institute of Taiwan, ROC
- Android developer   Hsinchu, Taiwan   May 2016 – August 2016
ITRI is a government based institution for developing cutting edge technology. Our team build a health care app cooperated with the largest bank and insurance company(Fubon) in Taiwan.

Staff of ROCSAUT (Republic of China Student Association at University of Toronto)
- President   Toronto, Ontario   April 2015 – April 2016
- Public Relations   Toronto, Ontario   June 2014 – April 2015
Recognized by the university and mostly other socialized clubs that I'm a socialized leader who make Taiwan and Taiwanese cultural more well-known.