

## CHI-YUN CHEN

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Summary: Two and a half years of software development experience. Seeking for Data Analysis opportunities.

Online Resume: [https://shironchen.github.io/Resume\\_EN.html](https://shironchen.github.io/Resume_EN.html)

## EDUCATION

<b>UNIVERSITY OF MANCHESTER - MSc in Business Analytics</b>	MANCHESTER, UK, Sep 2020 - Present
Core modules: Applied Statistics and Business Forecasting, Python for Business Analytics, Risk Performance and Decision Analysis, Data Analytics for Business Decision Making, and Mathematical Optimization.	
<b>NAGASAKI UNIVERSITY - Overseas Exchange Student Program</b>	NAGASAKI, JAPAN, Jun 2015 – Aug 2015
<b>TAMKANG UNIVERSITY - BSc in International Business</b>	TAIPEI, TAIWAN, Sep 2013 – Jun 2017
Activities: Public relation affairs of Financial Department, Internet Publicity Section of Guitar Club, Event Planning Section of Dance Club, Japanese Student Receptionist.	

## PROJECTS

<b>HACK8 Data Hackathon (3<sup>rd</sup> Place) – Team Leader</b>	UK, Mar 2021
<ul style="list-style-type: none"><li>Scraped data from public websites and conducted a time-series machine-learning algorithm to predict copper, steel, and concrete price in the future 3 years, presented with PowerBI.</li></ul>	
<b>Rossmann Store Sales / Kaggle Competition – Team Member</b>	UK, Mar 2021- May 2021
<ul style="list-style-type: none"><li>Preprocessed 1,115 stores' data and predicted future sales with an accuracy of 88% by tuning the XGBoost model.</li></ul>	
<b>Permutation Flow Shop Problem -Team Member</b>	UK, Oct 2020- Dec 2020
<ul style="list-style-type: none"><li>Implemented genetic algorithm and random search with Python to reduce approximate 12.5% manufacturing time.</li></ul>	
<b>iOS Application Software Development Tutor</b>	UK, Sep 2020- Mar 2021
<ul style="list-style-type: none"><li>Instructed high school student with no programming foundation to changing career to the junior iOS developer within half a year.</li></ul>	
<b>MIMIMAO &amp; LETSPUSHUP (Released iOS Applications) – Co-founder</b>	TAIWAN & UK, Dec 2020- Present
<ul style="list-style-type: none"><li>Provide geosocial networking space for pet owners matching and socializing, gaining at least 50 new users in the first week.</li><li>Monitor and record user's daily push-up and compete with others, accumulating 250+ times match-up rounds.</li></ul>	
<b>Future Sync Int'l – Contract iOS developer</b>	TAIPEI, TAIWAN, Aug 2018- Mar 2019
<ul style="list-style-type: none"><li>Collaborated with CTO to implement a relational database with more than 30 data frames.</li><li>Led shopping-cart application development included store-side and customer-side with 20 features.</li><li>Designed and developed a prototype iOS application, which won \$500,000 seed funding.</li></ul>	

## PROFESSIONAL EXPERIENCE

<b>BWIEL Tech. - Senior iOS Developer</b>	TAIPEI, TAIWAN, Jan 2019 – Jul 2019
<ul style="list-style-type: none"><li>Automated workflow in publishing applications to save 20 hours of operating time per week.</li><li>Developed a chat iOS application in two months to support the company's digital transformation.</li><li>Maintained three iOS web-based applications, including debugging with JavaScript, and creating additional features like account encryption and VR display.</li></ul>	
<b>Pklotcorp Inc. - Junior iOS Developer</b>	TAIPEI, TAIWAN, June 2018 – Jan 2019
<ul style="list-style-type: none"><li>Optimized processes and made 50+ interface animations, helping the app climb to 7th overall and first in navigation in 3 months.</li><li>Significantly contributed to an agile 15-person start-up team serving over 500,000 users and 250+ private businesses.</li><li>Embedded code in the applications to track more than 100 different user behaviors to facilitate customer analysis.</li></ul>	
<b>Cybilltek Software Inc. - Junior iOS Developer</b>	QUEZON, PHILIPPINES, Feb 2018 – Jun 2019
<ul style="list-style-type: none"><li>Improved on two applications for the leading sports company in Asia with a team of six.</li><li>Cooperated closely with the designer, developing 10 features after reviewed by senior developers.</li><li>Optimized program structure with test engineer decreasing crash rate from 8% to 1%.</li></ul>	
<b>Young Sun Develop - Sales Assistance Intern</b>	TAIPEI, TAIWAN, Mar 2015 – Aug 2015
<ul style="list-style-type: none"><li>Cooperated with a Japanese firm to import silicon dental floss and obtained 100+ online and offline orders in one day.</li><li>Facilitated the development of a dental factory in Brazil, analyzing the potential of Taiwan's market using samples.</li></ul>	

## SKILLS

Language	English - <i>Fluent</i> (IELTs 6.5), Japanese - <i>Intermediate</i> (JLPT N2), Chinese - <i>Native</i>
Computer	Python, SQL, Excel, Tableau, PowerBI, Machine Learning, Data Mining, SAS, Linux, Git, CI/CD, iOS Develop, Web Develop