

## CHI-YUN CHEN

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*Summary: Background of the business school combined with two years of programming experiments. Familiar with Python and SQL. Mature communication and cooperation skills. Focusing on the commercial value gained from data.*

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

## EDUCATION

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**UNIVERSITY OF MANCHESTER - MSc in Business Analytics** *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.

**NAGASAKI UNIVERSITY - Overseas Exchange Student Program** *NAGASAKI, JAPAN, Jun 2015 – Aug 2015*

**TAMKANG UNIVERSITY - BSc in International Business** *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

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**Workload Prediction and Optimization – Graduate Dissertation** *UK, Jul 2021- Sep 2021*  
• Utilized Time-series clustering and decision tree algorithm to estimate workloads of future projects and optimize the allocation of employee resources.

**HACK8 Data Hackathon (3<sup>rd</sup> Place) – Team Leader** *UK, Mar 2021*  
• Mined data from public websites, and predicted copper, steel, and concrete price in the future 3 years, presented with PowerBI.

**Rossmann Store Sales / Kaggle Competition – Team Member** *UK, Mar 2021- May 2021*  
• Preprocessed 1,115 stores' data and predicted future sales with an accuracy of 88% by tuning the XGBoost model.

**iOS Application Software Development Tutor** *UK, Sep 2020- Mar 2021*  
• Instructed high school student with no programming foundation to changing career to the junior iOS developer within half a year.

**MIMIMAO & LETSPUSHUP (Released iOS Applications) – Co-founder** *TAIWAN & UK, Dec 2020- Present*  
• Provide geosocial networking space for pet owners matching and socializing, gaining at least 50 new users in the first week.  
• Monitor and record user's daily push-up and compete with others, accumulating 250+ times match-up rounds.

**Future Sync Int'l – Contract iOS developer** *TAIPEI, TAIWAN, Aug 2018- Mar 2019*  
• Collaborated with CTO to implement a relational database with more than 30 data frames.  
• Led shopping-cart application development included store-side and customer-side with 20 features.  
• Designed and developed a prototype iOS application, which won \$500,000 seed funding.

## PROFESSIONAL EXPERIENCE

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**BWIEL Tech. - Senior iOS Developer** *TAIPEI, TAIWAN, Jan 2019 – Jul 2019*  
• Automated workflow in publishing applications to save 20 hours of operating time per week.  
• Developed a chat iOS application in two months to support the company's digital transformation.  
• Maintained three iOS web-based applications, including debugging with JavaScript, and creating additional features like account encryption and VR display.

**Pklotcorp Inc. - Junior iOS Developer** *TAIPEI, TAIWAN, June 2018 – Jan 2019*  
• Optimized processes and made 50+ interface animations, helping the app climb to 7th overall and first in navigation in 3 months.  
• Significantly contributed to an agile 15-person start-up team serving over 500,000 users and 250+ private businesses.  
• Embedded code in the applications to track more than 100 different user behaviors to facilitate customer analysis.

**Cybilltek Software Inc. - Junior iOS Developer** *QUEZON, PHILIPPINES, Feb 2018 – Jun 2018*  
• Improved on two applications for the leading sports company in Asia with a team of six.  
• Cooperated closely with the designer, developing 10 features after reviewed by senior developers.  
• Optimized program structure with test engineer decreasing crash rate from 8% to 1%.

**Young Sun Develop - Sales Assistance Intern** *TAIPEI, TAIWAN, Mar 2015 – Aug 2015*  
• Cooperated with a Japanese firm to import silicon dental floss and obtained 100+ online and offline orders in one day.  
• Facilitated the development of a dental factory in Brazil, analyzing the potential of Taiwan's market using samples.

## SKILLS

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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