

CHI-YUN CHEN

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Summary: Up-and-coming iOS developer transitioning and diversifying career by pursuing a master's degree in Business Analytics at Alliance Manchester Business School.

Online Resume: https://shironchen.github.io/Resume_EN.html

EDUCATION

- 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

- 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 (3rd 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

- 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

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