CHONGZHENG ZHAO

Melbourne, Australia • +61 0406867382 • *chongzhengzhao@gmail.com*

in linkedin.com/in/chongzhengzhao MrRyan.cn

EDUCATION

UNIVERSITY OF MELBOURNE **Melbourne, Australia**
Master of Information Technology (Distributed Computing) *Expected: June 2021*
- WAM: 88.3/100
- Coursework: Cloud Computing(H1); Programming Java(90/100); Algorithms and Complexity(H1); Database Management and Modeling(H1); Internet Technologies(93/100)

TAIYUAN UNIVERSITY OF TECHNOLOGY **Taiyuan, China**
Bachelor of Engineering in Water Science and Engineering *September 2015 – June 2019*
- GPA: 86.13/100 (Ranked Top 10%)
- Coursework: Fundamentals of Computers; Linear Algebra; Probability Theory; Higher Mathematics

PROFESSIONAL EXPERIENCE

DIDI Global **Beijing, China**
Data Analyst Intern (Decision Analyst) *November 2019 – March 2020*
- Work as an intern in the Data Science Team of DIDI, which is the top 2 data science team within China
- Mainly focus on data analysis for different businesses like bicycle sharing (Qing Ju, Xiao Lan), ride sharing (Economy, Co-share, Premium, etc.)
- Contribution to group report on a weekly basis and mainly works on CPO/NPS analysis on Global Commercial business in South America, Brazil, Chile, Australia, Mexico
- Use programming-based technologies to fetch data from government, partner, social media, commercial report, etc.

Industrial Bank Co., Ltd **Beijing, China**
Assistant Data Analyst *July-September 2017*
- Aided in maintenance and improvement of the database system storing customer credit card information
- Conducted data cleaning and preliminary analysis to streamline the credit card application decision-making process

PROJECTS

Coral, GovHack 2020 Competition *August 2020*
- The GovHack Competition is a two-day hack event to create concepts, mashups and models with open data, to examine the challenges in innovative ways.
- "Coral" helps to detect waste in real-time using the Convolution Neural Network. It helps to understand which suburbs are more prone to wastes based on different parameters like events, climate, and location. It Forecasts the waste collection for the next 5 years (until 2025) for the City of Melbourne.
- Responsible for the backend development, Coordinate Passing System, and Partial Front-end development

Twitter Sentiment Analysis, Cluster and Cloud Computing Project *February-July 2020*
- Focus on Crime & Discrimination analysis in Australia, based on the AURIN (Government Open Database) and Twitter data
- The project includes developing Tweet Harvesting System, CouchDB Cluster, Cloud Computing Monitor System and Web App
- Responsible for data harvesting, database development, automation(based on Ansible) and monitor system(based on Grafana)

New York City Taxi Fare Prediction, Kaggle Competition *August-September 2018*
- Ranked in the top 3% of competitors
- Assessed project workload; assigned tasks to team members; reported project progress as team leader
- Created machine learning models (LightGBM and XGBoost) to predict taxi fares in New York City based on data features such as distance, pick-up time, date of travel, etc.
- Assembled these two models through weighted averaging and stacking techniques

ACTIVITIES

Student Union, Taiyuan University of Technology **Taiyuan, China**
Head of Literature and Arts Department *September 2016 – June 2017*
- Organized several creative student activities such as ceremonies and shows to enrich campus life
- Utilized communication skills to improve coordination with other departments and student organizations within and between schools

PUBLICATIONS

- **Chongzheng Zhao** and Lin Lv. (2018). Research on the Feasibility of Solving Problems in Construction of Sponge City Based on GIS, VR and BIM Combined Technology. *IOP Conference Series: Earth and Environmental Science*, *170*(2), 022068.
- **Chongzheng Zhao** (2018). Analysis of Data Privacy Protection Technologies in the Era of Big Data. *Computernik*, 2018: February II, pp. 14-15, ISSN: 1672-528X.

HONORS & AWARDS

Outstanding Graduates, Taiyuan University of Technology	2019
National Scholarship, Ministry of Education of the People's Republic of China	2018
Dean Scholarship, Taiyuan University of Technology	2018
Second Place, National University Student Market Analysis Competition	2017
Second Place, National University Student Energy-Saving & Emission Reduction Competition	2017

SKILLS

Software and Programming: Java, Python, CouchDB, MySQL, Tableau and so on.

(if any skills that does not show above, I am happy to learn!)
Hobbies: Piano, Photo and Video Editing, Website Design