Tomson Qin

Canberra, ACT • 0435925505 tomson.qin@yandex.com

Please visit https://rieszrt.github.io/ to see my latest resume and demos of my projects.

SUMMARY

My skills include Mathematics, Statistical modelling, Full Stack and BlockChain development. I can work across the entire data pipeline, from scraping and cleaning the data, to creating both the front and back end infrastructure to present my analysis.

EDUCATION

Bachelor of Statistics/Economics | Stochastic analysis Focus/ Theoretical Statistics | **Australian National University | Canberra | 2020**
Computer Science **| Open Source degree in computer science | Ongoing**

EXTRA CURRICULAR

President- ANU Data Science Society 2020-2021:
Responsible for organising meetings, collaborations. We have over 200 student members.

Treasurer - ANU Data Science Society 2019-2020:
Responsible for managing club funds, organising club events and recruitments. Maintain the society website and Data Science blog.

REFERRAL LETTER

Dr Pierre Portal, lecturer in the Analysis (harmonic,functional, and/or stochastic) of partial differential equations at ANU **| pierre.portal@anu.edu.au**

SKILLS

- **Data Scraping:** Selenium, Appium
- **Data Science:** Python (scikit-learn,pandas,NumPy, Pytorch), Javascript and
- **Data visualization:** R shiny, Plotly
- **Cloud Platforms/Environments:** AWS, Heroku, Github
- **BlockChain:** Solidity, Web3
- **Back End:** MySQL, DynamoDB, Flask
- **Front End:** React, HTML

PROJECTS

Predicting user occupation from Instagram posts:
Natural Language processing to classify occupation of Canberran instagram users. Trained on instagram posts scraped with python. Modelling and visualization completed with R.

Housing Model:
Analysis of Canberra's housing market. A combination of financial modelling and data analysis

Bayesian Optical character recognition:
A paper I wrote on employing Bayesian inference to significantly improve existing Optical Character Recognition algorithms for reading chess player's handwriting.

Sports betting fund:
A scraper of live sports data across 3 countries and 26 betting sites, displaying live profitable strategies in a dashboard.

Languages:
Native fluency in English and Chinese. Limited working proficiency in Spanish.