Yiran Jing

Data Scientist

3rd-year student at the university of Sydney (WAM HD+), love data, study mathematics, statistics, business analytics and computer science. Diving deep into data science.

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EDUCATION

Bachelor of Science and Advanced Study
University of Sydney

07/2016 – 06/2020   *GPA 4+*

Courses

- Business Analytics (92)
- Statistics (89)
- Mathematics (88)
- Computer Science (90)

EXPERIENCE

Data Science and Data Engineering Intern
Taysols

06/2019 – Present   *Sydney, Australia*

Australia's leading cloud, consulting and support organizations for Business Analytics solutions.

Achievements/Tasks

- Provision of data cleaning, EDA, feature engineering and statistical analysis services utilizing Python.
- Turning the best machine learning models utilizing Python, with business idea/insight suggestion, written up to Latex documents.
- AWS sagemaker for training, deploy and validate standard AWS ML models (hosting service and batch transformation).
- Building AWS data pipeline: Automatically data cleaning and transformation, followed by customized SciKit models.

Project Participant
ANOVA Project

02/2018 – 12/2018   *Sydney, Australia*

ANOVA Project is the first pro-bono STEM Consulting Student Organisation

Achievements/Tasks

- Intellify Project (2018 Semester 2:): Topic: Pricing Optimization; Work with ANOVA group members, supervised by Intellify Pty Ltd. Tried to develop pricing optimization solution to maximize price for products and stores, taking into account for cross-product and external effects. Time series, statistics, R and Python knowledge are applied to this project.
- Equitise Project (2018 Semester 1): Data service for Equitise Pty Ltd(Sydney). Provided valuable insights and suggestions to Equitise get insight based on their customer/trading data. Applied Python and statistical modeling knowledge in this project.

Python Helper/Mentor
University of Sydney

02/2018 – 11/2018   *Sydney, Australia*

Achievements/Tasks

- Mentor at IT: The mentor of info1110 (Introduction of programming/ Python) Semester 1, 2018.
- Lab Assistant to Postgraduate unit Buss6002 (Data science in Business) in Semester 2, 2018.
- Lab Assistant to Undergraduate unit Python helper of Qbus2820 (Predictive Analysis) in Semester 2 2018.

SKILLS

`Python` `R` `Amazon Sagemaker`
`SQL` `Hadoop` `Flink` `Java` `Latex`
`Statistical and ML Model` `JavaScript`
`Data Visualization` `Data Cleaning`

HONOR AWARDS

Academic Merit Prize and Dean's List for Academic Achievement
University of Sydney

- Awarded to top 600 students every year

ACHIEVEMENTS

Course Rankings Top 3 at University of Sydney
Statistical Tests (STAT2012); Introduction to programming (INFO1103); Analysis (MATH2023); Management Science (QBUS2310); Predictive Analytics (QBUS2820); Advanced Analytics (QBUS3830)

Undergraduate Research Assistant at Tsinghua University (12/2017 – 02/2018)
Topic: Predict the primary market of Art in China (Econometrics Program). Web-Crawler using python, crawling the resumes of artists automatically on gallery websites. Wrote package utilizing python to automatic fetch keywords in resumes.

Mathematics Research Assistant Summer Scholarship at the University of Melbourne (01/2017 – 02/2017)
Topic: Improve HAR Models for Realized Co-variance: Long-memory Forecasting with Dynamic Attenuation in Multivariate Cases (MATLAB). Applied models to forecast the motion of the realized volatility based on five minutes returns real financial data.

Director of Math Teaching Department (05/2015 – 06/2016)
Responsible for organizing and scheduling math tutorials and organized relevant math social activities

VOLUNTEER EXPERIENCE

Volunteer Teacher
East China Normal University

INTERESTS

`Crossfit` `Astrophysics`