Freya Mao

Professional experience

Sony(China) Co.,Ltd - Technology Standardization Department Assistant (Technology Industry Analyst/Department Assistant)
Beijing
08/2018 - 07/2019

- Collected and analysed industrial information(AI, Autonomous driving, etc.) , provided industrial insights for the department and Sony Global Headquarters.
- Maintained the database of the department.
- Conducted research on the industry-related topics, produced analysis reports and gave presentations.
- Assisted to plan, arrange and coordinate the department's events and activities (meetings, annual company party, etc.).
- Assisted the department to write monthly reports and make presentation slides.
- Held a workshop to share the experience in making slides with colleagues.

Other related experience

Android Application Development – Individual APP Assignment & Group Project Assignment on Mobile Computing subject of University of Sydney
09/2019 - 11/2019

- Experience with Android development on Android Studio (Java)
- Knowledge of Android architectural components
- Full-stack development. Developed a running diary mobile app which was an individual assignment, including GPS tracker, music player, visual design of user interface and front-end development, etc.
- Cooperatively developed the group-project application on Github
- Implemented local data management (Litepal, SQLite) and cloud database services (Firebase), as well as functionalities modules.
- Designed and developed the user interface of the group project, familiar with Android UI components

Various Machine Learning Projects from Data Science related subjects of University of Sydney
02/2020 - 10/2020

- Experience with standard Python programming with popular libraries (Numpy, Scipy, Sklearn, Pandas, Matplotlib, Keras,

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Education

Expected graduation in 07/2021
University of Sydney
Master of IT & IT Management

Main Courses

Database Management System,
Mobile Computing,
Machine Learning and Data Mining,
Deep Learning,

PyTorch)

- Implement various machine learning algorithms and models (e.g. decision tree, SVM, K-Means, CNNs…). Including supervised learning, unsupervised learning and neural networks.

Skills

- **Strong foundations in Machine Learning principles and engineering of ML models.**
- **Familiar with Python** for programming, especially in Data Science, and able to write elegant Python.
- **SQL(MySQL, PostgreSQL):** Able to write DDL, DML, DQL, and experienced working with SQL commands, SQL queries.
- **Other programming languages and architecture(basic):** Java, Javascript, HTML5, CSS, Angular.
- **Can-do attitude:** Willingly try new and unfamiliar tasks with enthusiasm, and never give up when being confronted with problems.
- **Quick learner:** Able to learn quickly because of good concentration and a positive attitude towards new things.
- **Time management:** Ability to prioritize and work within tight timeframe, as well as on-time delivery.
- **Analytics:** Collect and analyse information, strong problem solving ability