FENG, Xinran 冯歆然

Email: fengxr93@outlook.com

WORK EXPERIENCE

System Architect, Industrial and Commercial Bank of China (2023 - now)

Awards: Outstanding mentor (2022)
• Guiding team members in modeling and development job;
• Building and implementing the regulations on development process;
• Managing the requests and tasks in the team.

Data Scientist, Industrial and Commercial Bank of China (2019 - now)

Awards: Excellent Release (2021 3rd Quarter)
• Training and deploying NLP models;
• Developing NLP solution pipelines;
• Researching on new break throughs in AI and fintech;
• Hosting courses of AI modeling.

EDUCATION

University of Maryland, College Park — Master of Quantitative Finance (2016 - 2018)

GPA: 3.62
Highlight Courses:
Financial Econometrics 1 (B+);
Financial Econometrics 2 (A);
Financial Programming (A)

University of California, Berkeley — Exchange Student (2015)

Highlight Courses:
Intro to Syntax and Semantics (A-);
Literature and Linguistics (A);
Academic Writing (A-)

Xi'an Jiaotong University — Bachelor of English (2012-2016)

GPA: 3.58
Awards:
2012 Siyuan Scholarship;
2012 Outstanding Student;
2013 Siyuan Scholarship.
Highlight Courses:
Advanced Mathematics (97);
C# Programming (78);
Introduction to English Lexicology (92);
English Grammar (85);
Introduction to Applied Linguistics (89).

PROJECTS

New Technology Researching (2019-2022)

- Writing reports on Prompt Learning;

- Researching and deploying open source Prompt Learning toolkits;

- Writing the draft of review on fairness of machine learning;

- Writing monthly reports on the latest breakthroughs in Artificial Intelligence and Fintech;

- Writing and applying for patents (5 patents in disclosure, unissued).

NLP Modeling (2020-2023)

- Text classification modeling in different scenarios;

- Information extraction modeling with text classification and named entity recognition;

- Researching and developing NLP solutions for long sequence text.

Chatbot Development (2020-2022)

- Developing and replicating the target product;

- Study and deploy recall model based on Faiss, and developing chat service;

- Developing chat service for meta human based on deep learning and Elasticsearch.

NL2SQL (Natural Language to SQL) Modeling (2021-2022)

- Researching for machine learning and deep learning solutions;

- Generating training data;

- Training the models and develop Flask service.

Hosting Courses of AI Modeling (2022)

- Practices of machine learning modeling;

- Basics and practices of deep learning and NLP;

- Experiences and tricks in machine learning.

Developing Machine Learning Platform (2019-2023)

- Packaging machine learning pipelines based on spark;

- Developing deep learning pipelines based on docker container;

- Developing case specific models for different scenarios.

SKILLS

English: TEM (Test for English Major) 8 Passed, TOEFL:103;

Python: 3.5 years experience;

PyTorch: 2 years experience;

R, Matlab, SAS: 1 year experience.