

XUFENG ZHANG

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EDUCATION

Zhejiang University B.S. in Macromolecular Materials and Engineering B.S. in Economics (Double Degree)	<i>Sept 2016 - Jul 2021</i>
Sapienza Università di Roma MSc in Data Science	<i>Sept 2021 - Now</i>

SUMMER SCHOOL AND EXCHANGE PROGRAM

National Yang-Ming University Microbial Biotechnology and Drug Discovery Program	<i>2020 Summer School</i>
Osaka University Intelligence and Learning	<i>2021 Spring Exchange</i>
University of Jyväskylä Stochastic Optimization & Multicriteria Optimization	<i>2021 Summer School</i>
Università della Svizzera italiana Erasmus Exchange in Faculty of Informatics, USI	<i>2022 Autumn Exchange</i>

PROJECTS

Researching on Pricing Mechanism of Group Buying Platform <i>Undergraduate Research(National Level)</i> <ul style="list-style-type: none">· Processed and visualized data using Python· Derived the pricing model of the group buying platform and assisted other members to verify the conclusion.	<i>Apr 2019 - May 2020</i>
Financial Default Risk Monitoring <i>Research Project</i> <ul style="list-style-type: none">· Classified borrowers using the decision tree method.· Used cloud servers for real-time data processing and visual display.	<i>Aug 2019 - Sept 2019</i>
Photothermal Effect of Polypropylene Membrane on Desalination <i>Thesis of B.S.</i> <ul style="list-style-type: none">· Modified the inner and outer surfaces of polypropylene hollow fiber membranes to improve desalination efficiency.· Prepared a seawater desalination device using modified hollow fiber membranes.	<i>Mar 2020 - Sept 2020</i>
The Impact of Land Finance on Government Policy <i>Thesis of B.S.</i> <ul style="list-style-type: none">· Analyzed the factors affecting urban land price, and use econometric methods to analyze the impact of urban land price differences on government finances in Chinese cities.	<i>Sept 2020 - Jul 2021</i>

- Analyzed the intensity of land policies in areas with different development levels in China and gave some suggestions.

Driving Business Decisions through AI (by Poste Italiane)

Jul 2022 - Jul 2022

Training Camp

- Collected the data provided, used LSTM and Dense to predict and compared results with non-neural network method.
- Derived the identification of commercial offer in energy using random forest, and ensure consilience of sustainability and consumption demand.

Online Caching Optimization

Apr 2022 - Now

Internship at INRIA and Master Thesis

- Replicated the existing online cache algorithm, such as LRU, LFU, online gradient.
- Use the OFTRL algorithm to optimize the cost in cache requests.

WORK EXPERIENCE

China Construction Bank

Jul 2019 - Sept 2019

- Assisted colleagues in sorting out relevant information about loan customers to make risk assessment, maintained and managed hardware facilities.
- Participated in department meeting, wrote the summary and made presentation for the meeting.

Shengang Securities

Dec 2019 - Mar 2020

- Built and updated the basic database of oil and gas industry with *Wind*
- Analyzed the development trend of the semiconductor industry and wrote related research reports
- Participated in the presentation meeting of listed companies, organized and analyzed the content of the meeting.

Lundbeck China

Sept 2021 - Dec 2021

- Assisted in organizing distributor meetings at the Danish Embassy in China.
- Analyzed past sales data using clustering methods to explore the correlation between the data, and created Python programs to automate data processing.

AWARDS

Third prize, Huawei Big Data Training Camp

Aug 2019

- I processed and analyzed the big data of financial credit, and used the classification tree algorithm to predict the default of personnel. Finally, I used Huawei Cloud for data visualization.

Honorable Mention, 2020 Interdisciplinary Contest in Modeling

Apr 2020

- We used different models and methods to analyze and predict global microplastic pollution, such as gray-forecasting model, Entropy Method.

TECHNICAL STRENGTHS

Computer Languages

C, R, Python

Software & Tools

Stata, LaTeX, Visual Studio, Photoshop, Indesign