

Siyi Huang

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EDUCATION

China University of Geosciences

Sep 2019 to Jun 2022

M.Sc in Applied Statistics (GPA: 3.66/4.00)

Thesis: Research on Improved Algorithms for Chinese Text Sentiment Classification

Wuhan Polytechnic University

Sep 2015 to Jun 2019

B.Sc in Finance (GPA: 3.20/4.00)

Thesis: The Impact of Trade War on China's Stock Market

RESEACH INTERESTS

- Machine Learning
- Biostatistics
- Matrix Decomposition

WORKING PAPER

S. Huang and X. Chen, "Latent Semantic Analysis Based on Randomized Singular Value Decomposition-Power Iteration", *Journal of Xiamen University*, Minor Revision.

PROJECT EXPERIENCES

Sinopec Exploration& Production Research Institute, Student

May 2021 to Dec 2021

Project: Deep Learning Inversion Model Based on Well and Seismic Data

- Digitalized and analyzed the characteristics of well and seismic data
- Constructed and Evaluated the model of generative adversarial networks
- Cooperated with colleagues to complete research paper

Sinopec Exploration& Production Research Institute, Student

May 2020 to Jan 2021

Project: Deep Learning Software for Shallow Learning and Deep Application

- Collected seismic data sets on professional websites
- Studied python programming
- Performed qualitative and quantitative research

Sinopec Exploration& Production Research Institute, Student

May 2020 to Dec 2020

Project: Exploration Target Evaluation Software under the Condition of Drilling

- Reviewed literatures on the spatial probability evaluation model
- Applied the model to predict the spatial distribution of petroleum gas

WORKING EXPERIENCES

Shenzhen Institute of advanced technology, Chinese Academy of Sciences

Jul 2022 to Present

Position: Research Assistant, Faculty of Synthetic Biology

- Designed mathematical models to find motif in genes
- Used python programming to realize the algorithm

WISCO Experimental Middle School**Sep 2021 to Nov 2021***Position: Math Assistant, Math Department*

- Taught junior high school mathematics

China Merchants Bank**Jan 2019 to Feb 2019***Position: Internship Assistant, Retail Department*

- Communicated with people about banking business

Guoyuan Securities Company Limited**Jun 2017 to Jul 2017***Position: Internship Assistant, Retail Department*

- Evaluated the stocks based on the companies' revenue

AWARDS AND HONOURS

- 3rd prize, "Huawei Cup" The 17th China Post-Graduate Mathematical Contest in Modeling, 2020
- 3rd prize, The 32nd Post-Graduate Scientific and Technological Paper Report Meeting of School of Mathematics and Physics, China University of Geosciences (Wuhan), 2021
- 3rd prize, The 31nd Post-Graduate Scientific and Technological Paper Report Meeting of School of Mathematics and Physics, China University of Geosciences (Wuhan), 2020

SKILL & OTHERS

- Languages: English(Fluent), Chinese(Native)
- Certificates: CET6, Senior Middle School Mathematics Teacher Qualification Certificate
- IT Skills: Python(Familiar), SPSS(Proficient), MS Office(Proficient)
- Hobbies: Swimming, Painting