

Nanjing University,
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24' STUDENT AT NANJING UNIVERSITY

EDUCATION

Nanjing University (NJU) – B.S in Information System Management (Data Science Track), School of Information Management

Minor: Geographic Information System, School of Geography and Ocean Science

Sep.2020-Current

Major GPA: 4.49/5.0 (89.8/100)

Overall GPA: 4.46/5.0 (89.2/100)

Ranking: 5/68 (6%)

Core Coursework: Calculus, Linear Algebra, Probability Theory and Mathematical Statistics, Discrete Mathematics, C Programming (92), Python Programming (94), Data Structure (91), Theories and Application of Database (90), Software Engineering, Information Theory, Information Analysis, Data Science and Data Analysis (97), Data Mining (94), GIS Technology and Application (91), Geographical Analysis for Remote Sensing (92)

Research Interest: AI for Urban Science and Bioinformatics

INTERNSHIP EXPERIENCES

Pazhou Lab, Guangdong Artificial Intelligence and Digital Economy Laboratory (Guangzhou) Jul. 2023 - Current

- **Research Assistant**, Advised by: Prof.Yuanqing LI, School of Automation Science and Engineering, South China University of Technology
- The focus of Pazhou Lab, Guangdong Artificial Intelligence and Digital Economy Laboratory (Guangzhou), is AI and neuroscience.
- Investigated neural networks for EEG classification, EEGNet, Deep & Shallow ConvNet, ATCNet, FBCNet, etc.
- Proposed a novel neural network structure for EEG classification based on existing open access neuroscientific datasets and algorithms.
- Conducted experiments collecting EEG signals

- Developed Unity BCI game based on existing algorithms

Industrial Research Center, Guangzhou Urban Planning & Design Survey Research Institute (GZPI) Jul. 2022 - Aug. 2022

- **Data Analyst Intern**, Advised by: Luming TAN, Senior Data Analyst
- The focus of the Industrial Research Center of Guangzhou Urban Planning & Design Survey Research Institute (GZPI) is to provide profound insight of the city based on available urban data, and statistical and computational methods. On the basis of data analysis result, we aim to help to achieve cooperation between corporations and governments for the city's better future.
- Designed algorithms based on existing data to identify corporations with significant growth potential
- Visualized data analysis result

RESEARCH EXPERIENCES

Data Science Research Nov.2022 - Sep.2023

Advised by Prof. Weiqing GU, Mathematics Faculty, Harvey Mudd College

- Investigated neural networks for MRI annotation and segmentation based on existing open access neuroscientific datasets
- Investigated automatic medical consultation framework based on proposed NLP models, BERT, ERNIE, etc.
- Developed Telemedicine platform with application of machine learning

Cryptocurrency Wallet Address Analysis Sep.2022 - Jun.2023

Advised by Prof. Jiaqi YAN, School of Information Management, Nanjing University

- Collected Cryptocurrency Wallet Address data
- Established Cryptocurrency Wallet Address database
- Developed Cryptocurrency Wallet Address data analysis platform

Evaluation of Social Media Rumor Refutation Effectiveness Oct.2021 - Jun.2022

Advised by Prof. Yang LI, School of Information Management, Nanjing University

- Evaluated Social Media Rumor Refutation Effectiveness through Textual Analysis and Data Analysis
- Nanjing University School of Information Management Forum Award

PROJECT EXPERIENCES

A GIS-based Evaluation of Urban Human Settlement Livability in Guangzhou Jan.2022

Advised by Prof. Feixue LI and Prof.Yongxue LIU, School of Geography and Ocean Science, Nanjing University

- Course project of GIS Technology and Application
- Based on the results of literature review, the project proposed an evaluation method for urban human settlement livability, and analyzed the spatial distribution of urban settlement livability in the city Guangzhou based on open source datasets of natural environment, population and GDP provided by Resource and Environment Science and Data Center, road datasets from Open Street Map, and POI datasets from National POI database.

SKILLS & OTHERS

Programming Languages Python | C | R | Matlab | SQL | HTML

TOEFL: Total 105 (S:22)

HONORS & AWARDS

Renmin Scholarship, Second Prize (Top 10%) 2020-2021

Renmin Scholarship, First Prize (Top 5%) 2021-2022