

JUN NI

Nanjing University,
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24' STUDENT AT NANJING UNIVERSITY

EDUCATION

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

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 Statistics, Discrete Mathematics, C Programming (92), Python Programming (94), Data Structure (91), Software Engineering, Information Theory, Information Analysis, Data Science and Data Analysis (97), Data Mining (94)

Research Interest:

INTERNSHIP EXPERIENCES

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, Industrial Research Center, Guangzhou Urban Planning & Design Survey Research Institute (GZPI)
- 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

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

RESEARCH EXPERIENCES

Medical Data Science Research Sep.2022 - Current

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 based on proposed NLP models, BERT, ERNIE, etc.
- Developed Telemedicine platform with application of machine learning

Cryptocurrency Wallet Address Analysis Sep.2022 - Sep.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.2022 - 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

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