Zheyuan (Ryan) LAI

+65 8067 0358 • zheyuan_lai@u.nus.edu • https://www.linkedin.com/in/zheyuanlai/

EDUCATION

National University of Singapore (NUS)   Aug 2023 - Jul 2027
Bachelor of Science (Hons) in Statistics
- Core Courses: Intro to Statistics and Statistical Computing, Programming Methodology
- Transferred from SUSTech

Southern University of Science and Technology (SUSTech)   Aug 2022 - Jun 2023
Common Core
- GPA: 3.89/4.00; Rank: 29/1198
- Core Courses: Calculus I (A+), Calculus II (A+), Linear Algebra (A), Advanced Linear Algebra (A), Intro to Python Programming (A), Macroeconomics (A)

RELEVANT COURSE PROJECTS

Economic Data Analysis Project   Nov 2022 - Feb 2023
- Created interactive economic data visualizations for city-wide trends (2010-2019) in China, encompassing population, urbanization, and disposable income during the *Introduction to Python Programming* course at SUSTech.
- Utilized Pandas data frames and NumPy for data manipulation and Matplotlib for creating insightful plots and charts, uncovering trends and patterns.

Macroeconomic Research Project   Feb 2023 - Jun 2023
- Applied macroeconomic analysis techniques from class to conduct research to discuss causes and impacts of financial crises, comparing 1997 Hong Kong and 2008 USA crises.
- Led a team of 4 in retrieving data from Wind and analysing articles from NBER for comprehensive insights.

Text-based RPG Project   Dec 2022 - Jan 2023
- Developed a text-based RPG game utilizing Object-Oriented Programming (OOP) principles in Python during the *Intro to Python Programming* course at SUSTech.
- Implemented contest features to the RPG game for multiple users, enhancing user engagement and interactivity.

VOLUNTEERING EXPERIENCE

Voluntary English Teacher   Sep 2022 - Jan 2023
- Engaged in a voluntary teaching initiative at SUSTech, where instructed a primary school class of over 40 students in beginner-level English.
- Cultivated a strong enthusiasm for English language acquisition within student body, yielding a remarkable 20-point upswing in class's average scores.

Voluntary Tutor for Underprivileged Student   Jan 2021 - Jun 2021
- Engaged in a five-month voluntary tutor program during high school, dedicated to educating a student from a poverty-stricken area in rural Fujian Province.
- Witnessed significant academic improvements: Math scores improved from 80/150 to 130/150; English scores improved from 75/150 to 135/150.

COVID-19 Response Volunteer, Team Leader   Mar 2020 - Jul 2020
- Led a team of 10 during the height of the COVID-19 pandemic to ensure organized and safe dining practices in the high school canteen.
- Implemented protocols and guidelines to minimize the risk of virus transmission, contributing to a safer school environment, winning over 80% of positive feedback.

SKILLS & LANGUAGES

- Software: Microsoft Office, Python (including NumPy, SciPy, Pandas, Seaborn, Matplotlib), R, C/C++
- Language: Mandarin (Native), English (Proficient), Cantonese (Basic)