

XINHUI LUO

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EDUCATION

University of California, Davis

Graduated by Dec. 2023

Bachelor of Science in **Statistics** (Data Science)

Related Courses (GPA: 3.6): Linear Regression, ANOVA, Applied Time Series Analysis, Probability Theory, Data Science, Applied Linear Algebra, Calculus, Multivariate Data Analysis, Data and Society, Statistical Data Technologies, Nonparametric Statistics, Statistical Learning, Advanced Statistical Computing, Categorical Data Analysis

Tufts University

Expected Graduation by 2026

Master of **Data Science**

WORK EXPERIENCE

Zhejiang Yingyang Asset Management Co. LTD

Jul. 2021- Oct. 2021

Quantitative Researcher Intern

Hangzhou, China

- Worked with historical data to build Deep Neural Network models based on Python to predict the future trends of the stock market and gain profits
- Used historical stock market data to achieve a 20% profit over a month period using a 3-day model
- Communicated with coworkers to optimize existing models

Industrial And Commercial Bank of China, Jinhua Branch

May 2024 - June 2024

Planning and Financial Department Intern

Jinhua, China

- Summarized sub-branch data using Excel
- Perform linear regression analysis using Python to analyze the bank's operating conditions and make reasonable recommendations

Digital Jinhua Technology Operation Co., Ltd

June 2024 - Aug. 2024

Data Development Engineer Intern

Jinhua, China

- Developed multiple dimension tables for Data Modeling on the DataWorks platform using MySQL
- Enter Data for Jinhua's Digital Worker Union using Python extract from the original data file
- Design and develop data aggregation and exchange platform website using the SmarDaten platform

PROJECTS and ACTIVITIES

Analysis of Heart Disease-Related Dataset

May 2023

- Used Python to analyze the causes of Heart Disease
- Engaged with a team of 3 to select the variables that have high predictability with Heart Disease using entropy
- Fit the data into a decision tree model and optimize it by adjusting the number of layers
- Chose Hierarchical Clustering Heatmaps and Contingency Table Heatmaps to visualize the relationships between variables

SKILLS, COURSES

- **Skills:** Python, R, LaTeX, Microsoft Office, SQL, Tableau
- **Language:** English and Chinese
- **Association of Chartered Certified Accountants (ACCA):** 5 out of 13 exams passed (Business and Technology (BT), Management Accounting (MA), Financial Accounting (FA), Performance Management (PM), Financial Reporting (FR))