

Jiawen Yu

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Employment

Liren Electromechanical (Bazhou) Co., Ltd. — Intern, Data Analysis & Quality Monitoring 06/2025–08/2025

Conducted data analysis and quality monitoring on the household appliance motor production line (blenders, juicers, meat grinders), focusing on stability and energy efficiency.

Collected and organized equipment efficiency, energy consumption, and quality inspection data; applied time-series forecasting to predict maintenance cycles and reduce unexpected downtime.

Performed variance analysis and correlation tests to identify key quality drivers; delivered visualized insights to R&D and quality inspection teams to improve production yield.

Strengthened cross-departmental communication by translating statistical findings into actionable recommendations for engineers and management.

Bazhou Jinmao Painting Tools Co., Ltd. — Intern, Data Analysis 12/2024–01/2025

Organized and analyzed production and sales data for painting tools and small household appliances.

Applied statistical modeling to compare sales trends across product categories; integrated inventory and supply-chain data to identify procurement–turnover mismatches and reduce inventory backlog.

Utilized regression analysis and data visualization tools (R, Python) to present actionable insights to production and sales teams.

Education

University of California, Los Angeles (UCLA), USA 09/2024–06/2026 (expected)

B.S., Statistics and Data Science

GPA: 3.535 / 4.0

Saint Monica College (SMC), USA 09/2022–06/2024

Associate of Arts, General Science

Associate of Science – Transfer in Mathematics

GPA: 3.899 / 4.0

Relative Course

Programming With R(STATS 20)

Interest&Applicatns (MATH177)

Datasci 4 Socl Good (COMM 188C)

People&Earth Ecosys(GEOG5)

Digital Humanities(DGT HUM101)

Stat Models-Finance(STATS C183)

Stats Consulting(140XP)

Introductn-Probablt(STATS 100A),Intro-Math Stats(STATS 100B), Linear Models(STATS 100C)

Int Data Analy Regr(STATS 101A), Desn&Anly-Experimnt(STATS 101B), Int Regr Data Minng(STATS 101C)

Intro-Comp Stats-R(STATS102A), Intro Cmpttn&Optztn(STATS 102B), Monte Carlo Methods (STATS102C)

Activities

UCLA Mathematics Club — Event Organizer & Host 09/2024–Present

Hosted and organized multiple academic exchange events, improving public speaking and on-the-spot problem-solving skills.

Led a core team to deliver large-scale interdisciplinary activities, strengthening leadership, teamwork, and cross-disciplinary communication.

UCLA Basketball Club — Team Organizer & Captain 09/2024–03/2025

Led the team in tactical planning and on-court coordination, enhancing leadership and collaboration.

Managed logistics including venue booking and match scheduling, developing organizational and resource management skills.

Skills & Interests

Technical Skills: C, C++, R, Python; Excel; PowerPoint

Interests: Guitar (Level-2 Certificate); Basketball; others.