Shangle Chen

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EDUCATION

UCLA ANDERSON SCHOOL OF MANAGEMENT Los Angeles, CA
Master of Financial Engineering Expected Dec 2027

UNIVERSITY OF MICHIGAN – ANN ARBOR Ann Arbor, MI
B.s., Mathematics of Finance and Risk Management | GPA: 3.778 Apr 2026

- *Relevant Courses:* Linear Algebra, Real Analysis, Probability, Statistics, Stochastic Process

SKILLS & CERTIFICATIONS

- *Technical Skills:* C++, R, Excel, Python, Java, SQL, MATLAB, Adobe Photoshop/Premiere

EXPERIENCE

SHENZHEN VZOOM CREDIT TECHNOLOGY Shenzhen, China
A leading provider of corporate credit reporting and risk analytics for financial institutions in China Jun - Jul 2026
Internship Trainee, Intelligent Modeling and Algorithms Department

- Migrated approximately 500 risk indicators from Oracle to StarRocks, reorganizing and optimizing legacy SQL code into structured modules to improve maintainability and efficiency of indicator calculating algorithms.
- Set up both Oracle and StarRocks databases using Docker, loaded over one million judicial records, and wrote Python programs to coordinate and calculated the risk indicators.
- Validate accuracy of Python and SQL scripts and passed security testing before successfully running the workflow on approximately 1,000 companies in the production database; packaged the process into an AI skill.

BOSERA ASSET MANAGEMENT Shenzhen, China
A leading Chinese asset manager offering mutual funds, managing over RMB 1.7 trillion in assets May - Jun 2024
Internship Trainee, Funds Retail Department

- Designed an Excel tool to capture, update, and report fund performance on a daily basis.
- Produced research reports on financial assets, industry trends, and individual stocks.
- Coordinated roadshows and sales events to introduce Bosera's investment products to the partner banks.

EVERBRIGHT SECURITIES Shenzhen, China
A publicly traded firm providing securities account trading, and financial product distribution services May - Jul 2023
Internship Trainee, Securities Brokerage Department

- Organized electronic broker archives and conducted client follow-up calls to support compliance reviews.
- Attended and facilitated weekly training sessions on financial derivatives.

PROJECTS

Cancer Mortality Analysis and Regression Modeling Mar - Apr 2026

- Built multiple linear regression models using data from 537 U.S. counties, applying log transformations and variable selection to improve adjusted R^2 from 0.3077 to 0.3780.
- Compared and refined models using nested F-tests and Mallows' Cp, reducing cross-validated RMSE by 5.7% and assessing model assumptions through residual diagnostics.

Forklift Parts Sales Optimization Project for CROWN EQUIPMENT CORPORATION Feb - May 2024

- Developed an Excel tool that identified demand patterns to enhance production efficiency profitability
- The tool was adopted by the data analysis department of CROWN.

ADDITIONAL INFORMATION

- *Languages:* Mandarin (native), English (professional), Cantonese (intermediate)
- *Interests:* Table tennis, jigsaw puzzles, Rubik's Cube