

# Rongruo (Vicky) Li

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## EDUCATION

### University of California, Los Angeles

*MS in Business Analytics*

*BA in Psychology, Business Economics; Minor in Accounting*

### University of Hong Kong

*Study Abroad Program Field Studies - Business Administration*

Los Angeles, CA

Expected December 2024

Sep 2017 - Jun 2021

Hong Kong

Jun 2018 - Jul 2018

## Key Skillset:

- **Business Skills:** Risk and Compliance, Risk Assessment and Monitoring, Audit Methodology Development, Model Risk Management, Statistical Model Development, Business Research, Product Management, Process Optimization, Project Management, Market Analysis, Statistics Analysis, Prescriptive Models, Customer Analytics, Operations Analytics, Competitive Analytics
- **Technical Skills:** SQL, Python, Java, R, STATA, Tableau, AWS, GitHub, Salesforce, Visio, A/B Testing, Adobe Analytics, Google Analytics, Gradient Boosting, Adaptive Boosting, XGBoost, Scikit-Learn

## WORK & ACADEMIC EXPERIENCE

### DELOITTE & TOUCHE LLP

*Audit & Assurance Senior Associate*

San Francisco, CA

Nov 2021 - Aug 2023

- Developed an audit management platform to monitor audit progress and client interactions, implemented continuous feedback mechanism tool for proactive audit adjustments and engagement optimization purposes.
- Conducted audit analytics suite leveraging trend detection/financial scenario analysis/anomaly identification/historical data regression using Python & SQL, enhanced 45% audit detection efficiency.
- Designed end-to-end audit processes and integrated financial evaluations include option pricing models (OPM) /guided public companies (GPC) valuations, validated the investment valuation schedules for over 50 client portfolio companies and achieved 99% client satisfaction rate.
- Managed the weekly/monthly audit review reports by monitoring Revenue Breakdown/Revenue Comparison/Risk Level Indicator using Tableau & SQL, improved 40% risk identification, and successfully identified 5 critical financial discrepancies.
- Served as the lead audit data analyst, partnering with client management/financial /internal audit departments to ensure seamless audit process, maximizing audit efficiency and reinforcing relationships with key stakeholders.

*Audit & Assurance Intern*

Jul 2020 – Aug 2020

- Developed audit control solution, ensuring meticulous audit processes and identifying key financial anomalies, implemented audit process monitoring tool to foster transparent collaboration between audit teams and clients.
- Initiated audit strategy evaluation includes volatility analysis/yield calculations/sensitivity analyses /client engagement methods, improved 40% audit accuracy.
- Researched on a data-driven audit governance and monitoring methodologies framework with data collection/ cleansing/anomaly detection/ risk mitigation on over 1M+ journal entries, enhanced 25% fraud detection efficiency.
- Assisted on the development of audit documentation like Engagement Letters/Audit Planning Memoranda/Lead Schedules/Working Trial Balances/Audit Programs/Internal Control Evaluation Documentation, accelerated 30% audit completion times.

*Risk Advisory Intern*

Aug 2018 - Sep 2018

- Assisted on the development of advanced financial analytics tool to drive financial research and risk advisory efficiency for financial clients.
- Implemented operational controls in Transaction Authorization/Segregation of Duties/Asset Safeguarding/Financial Reconciliation area using Visio to mitigate Liquidity/Market/Credit Risk with 500 REIT procedures, reduced 30% control processes time.
- Designed advanced risk modeling suite includes Time Series Analysis/Multivariate Regression/Cluster Analysis/Decision Trees using Python, assessed operational/strategic/reputational risk, and improved 20% risk prediction accuracy.
- Partnered with financial /risk /regulatory compliance/market research teams to enhance financial research tools, successfully deployed 3 innovative features, optimized existing financial research platform capabilities.

### Machine Learning Loan Default Prediction Project

*Data Analyst*

Los Angeles, CA

Aug 2018 - Sep 2018

- Developed financial industry loan default prediction system to assist risk assessment decision-making and risk mitigation.
- Deployed end-to-end data processing framework with missing value imputation/categorical data encoding/ Principal Component Analysis using Python, increased 30% data quality on 1.2 million records.
- Designed machine learning modeling techniques from classic models like Logistic Regression/KNN/Random Forest to advanced models like Gradient Boosting/XGBoost/ model fusion, led to project ranked top 1% rank on the leaderboard.
- Created data visualization methodologies to visualize loan characteristics Principal Amount/Interest Rate/Loan-to-Value Ratio (LTV)to identify predictor variables like Age of the Borrower and Total Debt, improved prediction accuracy by 15%.

## Interest and Language

Language: English, Chinese

Interest: Hiking, Mental Health Mentor Program