

MADELINE LIN

29-22 Northern Blvd • Queens, NY 11101

madeline.zhiyang.lin@gmail.com • (718) 877-9160 • <https://github.com/madelinezL>

EDUCATION

Monroe College ; New Rochelle NY <i>Post Masters Certificate Data Science</i> GPA: 4.0/4.0	Apr 2022 - Apr 2023
University of Texas at Austin ; Austin TX <i>Master of Quantitative Economics</i> GPA: 3.5/4.0	Jul 2018 - May 2020
Shanghai Maritime University ; Shanghai China <i>Bachelor of International Accounting</i> GPA: 3.8/4.0	Sep 2014 - Jul 2018

EXPERIENCE

Deloitte - Transfer Pricing Consultant ; New York NY <ul style="list-style-type: none">Worked with global teams to conduct extensive financial data analyses of multinational corporations' massive intercompany transactions across diverse industry sectors, including financial services, technology, and retail fieldsPerformed in-depth interest rate analysis and debt capacity analysis, leveraged financial models and tools to assess risks, and provided investment advisory services for optimized financial decision-makingConducted functions, risk, asset analyses, performed benchmark studies on financial metrics, and researched macro industry trendsParticipated in client calls, recorded meeting minutes, coordinated internal teams, and monitored related action items	Jun 2021 - Present
CertiK - Research Analytics Intern ; New York NY <ul style="list-style-type: none">Supported blockchain security industry in financial analysis of Ethereum 2.0 and Cosmos NetworkTransformed intricate technical data concepts and jargon into accessible business-oriented narratives, wrote blog content on CertiK social media platforms, bridging the gap between technical insights and broader audiences	Dec 2019 - Jan 2020
Austin Film Festival - Data Analytics Intern ; Austin TX <ul style="list-style-type: none">Conducted sales forecast analysis for film badges, created data visualizations for film submissionsUtilized clustering and PCA methods to identify key customer segments, summarized customer purchasing patterns and preferences, and overall optimized marketing strategies	May - Jun 2019
Ernst & Young - Audit Intern ; Shanghai CN <ul style="list-style-type: none">Examined financial worksheets, prepared data sheet for financial statement year-over-year analysis, and appraised internal control systems	Jan - Feb 2017

PROJECTS & LEADERSHIP

Life Science Accounts Scan - Deloitte Firm Initiative Project ; New York NY <ul style="list-style-type: none">Contributed to the development of executive-level dashboards for the life science industry, utilized Tableau to visualize performance metrics and key insights from collected survey data, and monitor and evaluate dashboard effectivenessReviewed and analyzed the critical issues from the results, assessed business risks and impacts, and facilitated proper recommendations and escalations to senior management to drive timely and effective solutions	May 2023 - Present
Generative Artificial Intelligence - Deloitte Firm Initiative Project ; New York NY <ul style="list-style-type: none">Assisted in content management strategy for GenAI Studio (firm wide internal GenAI tool), supported tool design and enhancements, and developed user cases in transfer pricing spaceSpearheaded the integration of technology software for the automated generation of transfer pricing documentation, developed the streamlined process, and offered guidance to the entire transfer pricing delivery center team to enhance efficiency	Dec 2023 - Present
Spotify Personal Music and Recommendation System Analysis - Individual Project ; New York NY <ul style="list-style-type: none">Built the optimal stream prediction model based on track audio features (i.e. danceability, energy, liveness, key, etc.) through regression models, stepwise selection, and decision tree methods, and proposed a better recommendation systemConducted a comparative research study of Support Vector Regression and Feedforward Neural Network on Spotify recommendation system	April 2023
Deloitte Green Dot Basketball Club - Firm Contribution ; New York NY <ul style="list-style-type: none">Served as a committee board member overseeing the coordination and execution of monthly pickup basketball events	Dec 2023 - Present

SKILLS

Computer Skills: Python, R, SQL, Tableau, PowerBI, Microsoft Suites
Tools: S&P Capital IQ, Bloomberg, Moody's, Pitchbook, Morningstar
Hobbies: Work-out, Basketball, R&B music, Classic movies, Biking around the city