

SUMMARY

Master's degree student with industry experience in accounting and data analytical skills seeking Data Scientist opportunities to which I can apply my skills with business intelligence, data science and accounting. Strong knowledge of accounting and statistics; solid programming skills in Python and SQL.

Technical SKILLS

- Programming: Python, SQL, Tableau, Power BI, Advanced Excel
- Machine Learning: Classical regression methods, Regularization, Random Forest, Neural Network, Deep Learning, NLP

EDUCATION**FORDHAM UNIVERSITY**

New York, NY

Master of Science in Information Technology

December 2026

- Current GPA: 3.92/4.00
- Coursework: Project Management, Database Management, Advanced Python with AI, A/B Testing

WASHINGTON UNIVERSITY in St. Louis

St. Louis, MO

Master of Science in Business Analytics

May 2022

- Graduate GPA: 3.76/4.00

PURDUE UNIVERSITY

West Lafayette, IN

Bachelor of Science – (Double) Major in Accounting; Major in Management

May 2016

- Graduate GPA: 3.07/4.00

PROJECT EXPERIENCE**March Data Crunch Madness - NCAA Prediction Model**

January 2026 - March 2026

- Built an end-to-end predictive modeling pipeline for NCAA March Madness outcomes, performing data engineering and feature construction including ELO, Pythagorean winning expectation, and betting odds to enhance model performance
- Achieved 2nd place in the Deloitte-sponsored March Data Crunch Madness competition, with models reaching 84% accuracy and 0.91 AUC score on the validation set
- Designed data visualizations (including analysis such as Championship Contender Box and visuals of Decision Tree) to communicate model insights and team strength, improving interpretability of predictions

Resume Optimizer | <https://github.com/lingw1141/Resume-Optimizer>

February 2026 - April 2026

- Built an AI-powered resume optimization pipeline that ingests multi-format documents (.docx, .pdf, .doc), parses unstructured text, and uses LLM APIs to semantically score and rank resumes against job descriptions, exports pipeline to generate tailored resumes and cover letters, reduces resume tailoring time by 20 minutes on average per application
- Implemented NLP-driven bullet point analysis to identify weak resume content and auto-generate keyword-optimized rewrites aligned to target job descriptions
- Integrated the Adzuna API to fetch live job listings in real time, enabling dynamic resume-to-job matching without manual input

WORK EXPERIENCE**Fordham University - Gabelli School of Business**

New York, NY

Research Assistant

January 2026 - Present

- Reviewed academic papers and statistical studies to examine how third-party ratings influence corporate decision making
- Conducted a focused project on ESG rating history, analyzing Innovest's EcoValue 21 and comparing it with KLD to evaluate methodological differences

CNOOC Oil & Petrochemicals Co., Ltd.

Beijing, China

Financial Analyst - Budgeting and Forecasting

October 2022 - July 2025

- Developed, reviewed and analyzed 10+ budgeting and forecasting work papers for over 100 subsidiaries
- Compiled and analyzed data to form monthly forecast review detailing prior month performance and forecast
- Worked with external consultants to design and implement a new platform adopted by 100+ subsidiaries within the group

KPMG HUAZHEN LLP

Beijing, China

Staff Auditor

October 2016 - August 2018

- Collaborated with a team of auditors to perform audit procedures such as walkthrough to the financial statements
- Performed data analytics using advanced Excel to detect data anomalies and irregular outliers