Connor Collins

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Experience

Technology Consultant   September 2021 - Present

KPMG | San Francisco, CA

- Worked with Systems team of Fortune 50 technology company, supporting eight accounting groups to build and maintain SQL driven revenue reporting processes using Google Plx Scripts and BigQuery
- Led the development of several key financial reporting workflows that synthesized billions of records to perform fluctuation analysis and forecasting, visualized with Google Plx Dashboards and scalable for future use
- Responsible for managing ETL of multiple data pipelines to facilitate timely and accurate decision making
- One of three team members to lead schedule change migration for 475 workflows across entire business group
- Project managed annual third party compliance review program on behalf of client partnerships team
- Performed testing of IT General Controls and IT Application Controls by inspecting client code bases to ensure compliance with Sarbanes-Oxley regulations for several Fortune 500 technology companies

Peer Tutor   September 2018 - June 2021

Santa Clara University | Santa Clara, CA

- Tutored students in Business Calculus I & II, leading group and individual sessions

IT Risk Advisory Intern   July 2020 - August 2020

KPMG | Santa Clara, CA

- Completed KPMG University internship focused on Internal Control testing and IT Auditing case studies
- Learned how to implement Target Operating Model methodology, identifying risk in client backend environments and developing mitigation strategies to improve system security and compliance

Projects

Undergraduate Honors Thesis   September 2020 - June 2021

- Built a stock trading algorithm with Python that outperformed the Dow Jones Industrial Average within a 0.07 p value, using a TF-IDF matrix, Support Vector Classification, and Logistic Regression
- Created a NLP sentiment analysis algorithm and trained model on six months of Twitter data and Dow Jones component return history, with testing performed on one month

Personal Website   January 2023

- Created personal portfolio website using ReactJS and CSS

Education

Oregon State University   September 2023 - Exp December 2025

BS in Computer Science

Santa Clara University   September 2017 - June 2021

BSc in Finance | magna cum laude | Honors Program   Santa Clara, CA

Skills

Proficient: Python (Pandas, NumPy, TensorFlow, Matplotlib), SQL, JavaScript, CSS, Microsoft Excel

Working knowledge: Shell Scripting, ReactJS, Java