Connor Collins

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Experience

Technology Risk Associate   September 2021 - Present

KPMG | San Francisco, CA

- Worked with Systems team of Fortune 50 technology company, supporting eight accounting groups to build and maintain revenue reporting processes using GoogleSQL
- Led the development of an Accounts Receivable reporting workflow that synthesized over 53 billion records into a historical recording of 139,000 data points and compiled efficiently in under ten minutes
- One of three team members to lead schedule change migration for 475 workflows across entire business group
- Main contributor for the migration of bad debt processes from legacy subledger to denormalized data source
- Responsible for ad-hoc maintenance and monitoring of workflows during month end close
- 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 DJIA 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 DJIA return history, with testing performed on one month

Personal Website   January 2023

- Created personal portfolio website using ReactJS and CSS

Education

Santa Clara University   September 2017 - June 2021

Finance Major | Management Information Systems Minor | magna cum laude | Honors Program   Santa Clara, CA

Australian Catholic University   July 2019 - November 2019

Study Abroad | Peter Faber Business School   Sydney, Australia

Skills

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

Working knowledge: Shell Scripting, ReactJS, Java