

Connor Collins

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EDUCATION

BS Computer Science, Oregon State University

Sep 2023 - Exp Mar 2026

- 3.88 major GPA

BSc Finance, Santa Clara University

Sep 2017 - Jun 2021

- 3.81 GPA | Management Information Systems minor | magna cum laude | Honors Program

EXPERIENCE

KPMG | San Francisco, CA

Sep 2021 - Present

Senior Cybersecurity & Technology Risk Consultant

- Worked with Systems team of Fortune 15 technology company, supporting eight accounting groups to build and maintain SQL driven revenue reporting processes using Google Plx Scripts and BigQuery
- Improved transformation efficiency of ETL pipelines by cleaning up queries, reducing resource load by 30%
- Led the development of several key financial modeling workflows that synthesized billions of records to perform fluctuation analysis and forecasting, visualized with Google Plx Dashboards

Associate Technology Consultant

- Coordinated schedule change migration for 475 financial reporting workflows across entire business unit, constructing dependency mapping and leading QA testing for changes in development environment
- Automated 10 hours per month of journal entry validation that was previously done manually with Excel

PROJECTS

Fitness Tracker Web Application

- Created fitness tracker with Angular frontend and PostgreSQL backend, leveraging Docker for containerization and implementing a scalable microservices architecture
- Included functionalities for users to track and analyze trends in their workouts, find their friends' history, load motivational quotes, and determine powerlifting standards given their age and weight

Southwest Flight Price Tracker

- Developed a Python script to scrape Southwest flight prices, alerting users via email if the flight has dropped below their originally paid price (so that it can be rebooked)
- Utilized Selenium for scraping, and GitHub Actions to schedule daily script execution

Undergraduate Honors Thesis

- Built a predictive stock trading model 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

Garden Simulation Game

- Designed gardening simulator using JFrame, utilizing Object Oriented Programming principles to model relationships between plant growth, pest management, and soil health
- Implemented bug-plant interactions and fertilizer effects within a dynamic simulation environment, leveraging real-time user inputs

SKILLS

Highly skilled and proficient in: Python, Javascript, Typescript, SQL, HTML, CSS

Working knowledge: Shell Scripting, Java

Frameworks/libraries/tools: Pandas, Numpy, Matplotlib, React, Node.js, Express.js, jQuery, Angular, JFrame, Git