Jackson Giemza

jackson.giemza@gmail.com

https://www.linkedin.com/in/jackson-giemza/
https://github.com/JacksonGiemza

(708)-340-8105
Boulder, CO

Enthusiastic information science student with hands-on experience as a data scientist, equipped with technical and analytical skills to derive data-driven decisions. Passionate about harnessing data to solve complex meaningful problems in a vibrant, innovative setting.

Education

University of Colorado, Boulder, CO | Expected Graduation May 2025

Bachelor of Science, Information Science | Minor: Philosophy

Relevant Courses:
Data Visualization, Statistics, Python for Info Sci 1&2
R for Data Science, Logic, Quantitative Reason.

Applications & Programs:
Python (Pandas, NumPy, Matplotlib, Altair), Excel, OpenAI API, Selenium, Git, R, SQL, Excel, Tableau, Tkinter, Power Platforms.

Experience

Risk Technology Analyst | RJ O'Brien Associates   *May 2024 - Aug. 2024, Chicago, IL*

I was invited to return to RJO's Risk Team following my internship with them in 2022. Drawing on the skills I developed through prior internships and academic work, I successfully led key projects from concept to completion and contributed to several other high-impact initiatives.

- Developed a Python-based solution to automate financial audit requests, **reducing work** for Credit analysts by **dynamically generating** and scheduling personalized emails.
- Led the project from **concept** to **deployment**, including **training** future maintainers and creating a **Power BI dashboard** for monitoring requests and manually sending emails ad hoc.
- Identified the need for and developed a **Python GUI** for generating **customized anonymous test data** for users of all technical expertise.
- Served as an **ambassador** for new **AI tools** by **interviewing** coworkers to identify pain points in AI adoption and conducting **demos** to facilitate user adoption and streamline workflows.

Data Science Intern | CloudQuant   *May 2023 - Aug. 2023, Chicago, IL*

Over my productive summer at CloudQuant, I successfully **executed 4 major projects** and efficiently managed numerous smaller tasks, with strong commitment to driving significant results.

- Expanded the data catalog by **8000+ datasets** through seamless integration of various **data APIs**.
- Developed **dynamic web scrapers** using **Selenium** for building datasets.
- Strategically utilized the new **OpenAI API** to automate data entry and cleaning processes, significantly enhancing efficiency while reducing manual workload.
- Drove insights through **analysis** and data **visualization**

Summer Intern | RJ O'Brien Associates   *May 2022 - Aug. 2022, Chicago, IL*

Throughout my summer at RJO, the oldest and largest independent futures brokerage firm in the US, I worked on various projects and tasks for the credit and risk teams.

- Engineered automated **risk reports** for quarterly and daily distribution.
- Streamlined customer **financial information retrieval** by designing a centralized interface with **Microsoft PowerApps** for the credit team.
- Designed a comprehensive **financial analysis** dashboard for evaluating vendor viability.
- Conducted rigorous **UAT** (User Acceptance Testing) for the Credit API.