

# Tyler Jensen

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## EXPERIENCE

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### Senior Data Analyst, Engrain

*Oct 2025 – Present*

- Built and maintained a collection of PowerBI dashboards giving stakeholders key insights into a variety of KPIs across the organization and enabling management and C-Suite members to make data-driven decisions. Created custom ETL pipelines ingesting paginated API data using M.
- Built and maintained a variety of automations employing a myriad of APIs to streamline product implementation and delivery.
- Used OpenAI's APIs to fine-tune vision and customer support agents, and deployed them to key systems.
- Developed and deployed an "Auto-Tasking" application using Python that solved a Linear Programming problem to optimally partition tasks in a work queue to corresponding team members.

### Data Analyst, Engrain

*May 2024 – Oct 2025*

- Spearheaded a data cleanse initiative across all key systems in the organization to prepare for a state-of-the-art customer portal.
- Built and maintained a Vector Database using Pinecone to assist in fuzzy searching and record linkage tasks.
- Built and maintained multiple internal Python libraries to enable peers to easily interface with a variety of critical APIs.

### Data Integrations Specialist, Engrain

*August 2023 – May 2024*

- Built Python tools to interface with our clients' property management software.
- Set up and maintained live pricing and availability API feeds.

### Intern, Presidio

*June 2019 – August 2019*

- Documented and distributed a knowledge base on IoT/OT devices to contribute to a sales strategy targeting correlated markets.

## EDUCATION

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### Colorado State University - B.S., Mathematics

*2022*

- **Coursework Highlights:** Post-Quantum Cryptography, Algebraic Topology, Lie Groups
- Worked as a Teaching Assistant for Mathematical Cryptography and Abstract Algebra courses.

## SKILLS

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- **Coding:** Python, Pandas, git, Docker, SQL, PyTorch, scikit-learn, M, DAX
- **Software/APIs:** Workato, PowerBI, Salesforce, Workfront, NetSuite, OpenAI, Pinecone, Google

## PROJECTS

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### Personal Study

*Present*

- Ongoing study to complete all exercises in Nathan Carters *Data Science for Mathematicians*, Allen Hatcher's *Algebraic Topology*, and Kristopher Tapp's *Matrix Groups for Undergraduates*.

### Minitorch

*2024*

- Followed the instructive repository minitorch, which builds the fundamental infrastructure of the PyTorch API from scratch.

### Undergraduate Mathematics Research

*2021-2022*

- Under the guidance of Henry Adams, contributed to a research project on embeddings of low-dimensional manifolds via the Laplace-Beltrami operator (e.g. Laplacian Eigenmaps).

## CERTIFICATIONS & AWARDS

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- *Vader Cup*, Engrain, 2024. Annual employee recognition award.
- *The Solutionist*, Engrain, 2023. Annual employee recognition award.