

TIMOTHY MAI

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EDUCATION

Master's of Science: Data Science
Drexel University

Philadelphia, PA
Anticipated Summer 2027

Bachelor of Science: Computer Science
Rowan University

Glassboro, NJ
Fall 2024

SKILLS

Back-end: Python / Java / C++ / SQL

Front-end: HTML / Dart / CSS

Frameworks & Tools: Microsoft Office Suite / Django / GitHub / Firebase

PROJECTS

Portfolio

Personal

Software: TypeScript / ASTRO / CSS / JS

Present

- Customized an Astro-Based Portfolio template to showcase projects, skills, and experience
- Configured and deployed the site using Cloudflare Pages with Git-based CI/CD
- Maintained version control and updates through GitHub integration

Water Potability

Personal

Software: Python / Pandas / Google.colab

December 2024

- Developed a data analysis pipeline to evaluate water potability and identify models with low prediction error
- Performed data cleaning, feature analysis, and error evaluation to improve classification accuracy
- Created visual statistical summaries (distributions, correlations, and trends) to enhance interpretability and user understanding

Grocery Store Database

Rowan University

Software: SQL

December 2024

- Built a structured SQL database to model a grocery store's products, employees, and operational data
- Implemented queries to track inventory levels and generate product and employee based reports
- Created visual reports and graphs to demonstrate the database functionality and support project goals

Philadelphia Pointing Span Test

Rowan University

Software: Django / HTML / CSS

December 2024

- Created a web application consisting of a neuropsychological test for patients to help identify signs of neurodegenerative illness
- Created a web application for the doctor to view, compare, and analyze data with visuals and statistics
- Functionality includes being able to create and send links to patients to complete the test, accessible test that includes audio, and results recorded can be viewed by the doctor

EXPERIENCE

Kung Fu Tea

Glassboro, NJ

Manager

Jun 2019 - Jan 2026

- Trained and supervised 15+ employees, coordinating schedules and workflows using Google Sheets to optimize team productivity
- Tracked and analyzed inventory data to identify trends, streamline ordering, and reduce stockouts and waste
- Applied analytical problem-solving to resolve operational challenges in a fast-paced environment