

# TIMOTHY MAI

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## EDUCATION

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### 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

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

**Front-end:** HTML / Dart / CSS

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

## PROJECTS

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### 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

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### Kung Fu Tea

Manager

Glassboro, NJ

*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