

Micheal Ronan

ronanmicheal0@gmail.com • Park Ridge, IL • 773-441-8808 • <https://github.com/MichealRonan>

EDUCATION

Indiana University, Luddy School of Informatics, Computing, and Engineering, Bloomington

Bachelor of Science in Computer Science

Specialization in Data Science and Software Engineering

Relevant Coursework: Data Structures, Database Concepts, Data Analysis and Mining, Statistical Analysis for Business and Economics, Software Engineering

WORK EXPERIENCE

LA Fitness

Chicago, IL

Market Coordinator

January 2025 - Present

- Analyzed regional performance metrics (e.g., membership conversion rates, lead sources, retention) to identify trends and drive data-informed marketing decisions across multiple gym locations
- Collaborated cross-functionality with sales, operations, and training teams to implement localized strategies based on consumer behavior data
- Supported regional leadership by delivering actionable insights from member feedback and community engagement metrics

Bottle Theory

Elmhurst, IL

Data Analyst Intern

May 2024 – August 2024

- Developed a beverage recommendation system using Python and OpenAI's API to analyze customer preferences and suggest personalized drink options based on past liked beverages, driving user satisfaction and engagement
- Conducted data preprocessing and feature engineering on 500,000+ records datasets, improving model accuracy by 15%
- Led integration with PostgreSQL resulting in 20% increase in response speed
- Managed project timelines, coordinated cross-functional teams, tracked deliverables, and implemented iterative improvements based on client input to ensure successful project completion

Technical Skills

Languages: Java, Python, SQL

Databases: PostgreSQL, MySQL, MongoDB

Tools & Frameworks: Tableau, Power BI, Microsoft Excel, Unix, Microsoft Windows, OpenAI API

Projects

Book Data Pipeline | PostgreSQL & Looker Studio

- Built a data pipeline to fetch and store book metadata from the Open Library API using Python.
- Designed a PostgreSQL database with optimized schema design for efficient data storage and retrieval, and integrated Google Looker Studio to visualize book trends and insights.
- Configured remote access with SSL encryption and port forwarding for secure external connections.

Delivery Management System | React, Node.js, MongoDB

- Developed a comprehensive web application using React and Node.js to manage delivery operations, addressing the needs of customers, drivers, and managers.
- Achieved a 35% reduction in customer inquiries through improved communication via integrated live chat functionality using Socket.IO for real-time messaging, enhancing overall user engagement
- Implemented secure payment processing with Stripe, managing over \$300,000 while ensuring PCI compliance and user data protection.