

TIMOTHY MAI

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Citizen of United States

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PROFESSIONAL PROFILE

- **Dedicated and Versatile:** Demonstrates substantial programming experience and advanced computing skills.
- **Independent and Collaborative Worker:** Capable of working autonomously or within team settings effectively.
- **High-Pressure Management:** Experienced in handling high-pressure situations while consistently delivering high-quality results.
- **Proficient in Multiple Programming Languages:** Skilled in various programming languages and adept in computer architecture and data structures.
- **Technology-Driven Problem Solver:** Passionate about leveraging technology to solve complex problems and drive innovation.

PROJECTS

Cased-Based Simulation

Duration: 4 Months

Technologies Used: Dart & Firebase

- Created an application for developers/users to create and take decision based simulations
- Developed a noSQL database to store simulations and developer/user information
- Maintained agile and consistent communication with sponsor to ensure requirements were completed

Grocery Store Database

Duration: 4 Months

Technologies Used: mySQL

- Developed a SQL database to for a grocery store
- Created presentation and graphs to highlight the purpose of the project
- Functionality includes monitoring products, creating reports for products and employees

Philadelphia Pointing Span Test

Duration: 4 Months

Technologies Used: Django/Pyhton/HTML

- 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

EDUCATION

Bachelor of Science: Computer Science

Rowan University

Fall 2024

Mullica Hill Road, Glassboro, NJ

SKILLS

Back-end Languages

Java

C++

SQL

Python

Front-End Languages

HTML

DART

CSS

Additional Software

Django

JMP Pro

Star UML

Microsoft Office Suite

Windows

Unix

Soft Skills

- **Effective Communication:** Engaged in writing technical reports and documentation.
- **Strong Teamwork:** Participated in multidisciplinary team projects spanning an entire semester.
- **Excellent problem solving skills.**
- **Self Motivated**

EXPERIENCE

College of Science & Mathematics Student Research Day

Rowan University

April 2024

Glassboro, NJ

Manager

Kung Fu Tea

2019 - Present

Glassboro, NJ

- Managed operations in a fast-paced environment, ensuring high standards of customer service.
- Trained over 15 employees, coordinated work schedules for a team of 10, and maintained a clean and organized workspace.
- Demonstrated strong problem-solving skills and adaptability under pressure.

Wireless Power Transfer Research

Rowan University

Duration: 4 Months

Glassboro, NJ