Tyler Nicholas

Junior Web Developer

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Skills

Languages:
- **JavaScript**
- **Python**
- **Java**
- **C#**

Frameworks:
- **React**
- **JavaFX**

Database
- **PhpMyAdmin**
- **PostgreSQL**
- **SQL**

Tools:
- **Linux**
- **Bash**
- **Agile Development**
- **Git**

Objective

Passionate Computer Science graduate seeking opportunities to leverage skills in JavaScript, React, SQL and Git to contribute to innovative projects and drive technological advancement.

Experience

March, 2021 - Present

Lead Tutor @ Code Ninjas

- A tutor who focuses on empowering youth with a strong base in understanding computer science fundamentals. Through block coding, JavaScript and C#, students are taught these computer science basics through a lens of game development, leading to a fun and enriching learning experience for all.
- Manages the day-to-day business operations, such as training a team of tutors, managing parent-to-center relationships in turn ensuring mutual satisfaction, safety and happiness of students since February 2022.

Education

Start : August, 2019
Graduated: May, 2022
Monroe Community College
Associate in Science, Computer Science

Notable Project:

N - Queens Project (Java Development, Data Structures):

- Created a Java application to demonstrate mastery of data structures through a complex card game that interfaces with human play.

Start: August, 2022
Graduated: May, 2024
Brockport University
Bachelor of Science, Computer Science

Notable Projects:

Fitness Web Application (Team Project, Agile Setting):

- Collaborated in a small team in an agile setting to develop a functional fitness web application using React and PostgreSQL.
- Contributed to the design, implementation and testing phases of the project.
- Gained experience in frontend development with React, backend development with PostgreSQL, and working in an agile environment.

Clothes Closet Application (Team Project, Agile Setting):

- Participated in an agile group setting to develop a clothes closet application using Java, JavaFX and PhpMyAdmin.
- Played a key role in designing and implementing features necessary for application such as database-to-program communication.
- Developed skills in Java, JavaFX for the frontend, and PHP for backend with PhpMyAdmin all while working in a simulated agile environment.