

Tahmid Faiz



Warren, MI | ✉ ftahmid2546@gmail.com | ☎ 586-213-0881 | 📄 <https://github.com/tahmidfaiz>

Education

Wayne State University – B.S. Computer Science

Sept 2020 - Present

GPA: 3.6, College of Engineering Dean's List, Member of the Society of Computer Developer

Relevant courses: Software Engineering, Data Structures and Algorithm Analysis, Database Management, Cyber Security, Web Technology, Computer Architecture and Organization, OOP in C++, Java, Python, JavaScript, Theoretical Computer Science, Ethics of Computer Science, Calculus, Linear Algebra, Engineering Stats and probability.

Certifications: Certified Information System Security Officer (CISSO), Microsoft Office Certified.

Experience

Computer Science Instructor - Wiz Tutoring

May 2021 – August 2021
Warren, MI

- Designed and instructed an effective schedule and curriculum to educate students on the fundamentals of computer science.
- Taught students various in-demand coding languages such as HTML/CSS, Python, and C++.
- Demonstrated simple computer science algorithms such as searching, inserting, and deleting.
- Instructed students on how to create functional applications and visually stunning websites.
- Created coding challenges to engage students and enhance foundational skills needed to excel in the field of computer science.

Election Inspector – City of Warren

November 2019 – May 2023
Warren, MI

- Inspected local, state, and national level elections.
- Assisted in administrating and managing the election software application to accurately store and update voter records.
- Educated voters on the election process and helped voters register and vote during elections.

Projects

Sitemap Creator (Full-Stack)

React JS, Spring Boot (Java-based framework), HTML/CSS

The objective of this application is for users to create a sitemap for any programming application using a web-based visualization tool. The web application has multiple functions users can use to create a stunning visual sitemap. The application also allows users to register for an account using Google API and sign into their account to save their sitemap to a backend server for future reference.

Banking Account System (C++)

The objective of this program is to implement a micro bank account system that manipulates the account of multiple clients. In this system, the user creates a client, adds, and removes bank accounts, and also executes other mathematical operations with those accounts such as calculating the balance and saving rates. The program implements various algorithms such as searching and sorting algorithms using the best run-time execution possible.

Skills

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|---|---------------------------------------|--------------------------|
| • C++, C#, Java, Python, JavaScript, PHP, SQL, HTML/CSS | • Data Analytics (Python) | • MS Power BI/Automate |
| • React JS, Spring Boot, AWS | • Software Testing (JUnit, Jest) | • Certified MS Office |
| • Agile Software Development | • Software Documentation | • Adobe Photoshop |
| • Frontend/Backend Development | • Design Pattern | • Adobe Dreamweaver |
| • Web Development | • Code Review | • Compassionate Leader |
| • Objected-Oriented Programming | • GitHub, Git | • Effective Communicator |
| | • Visual Studio Code, XCode, IntelliJ | • Active learner |