John Fox

(715)-523-1588 | jicfox7@gmail.com | La Crosse, WI

linkedin.com/in/johnfoxcompsci | johnfoxweb.com | github.com/jff97

Education

Bachelor of Computer Science at University of Wisconsin-La Crosse   Sep 2021 – Dec 2023
- **Graduating December 2023**
- Dean's List 2 semesters
- GPA: 3.64

University of Wisconsin-Eau Claire   Sep 2019 – May 2021
- Dean's List 2 semesters
- GPA: 3.65

Skills

- **Languages:** C#, .NET, SQL, Java, C, HTML5, CSS, JavaScript, GO, Python, R
- **Technologies:** Azure Functions, Visual Studio, Blazor, EF Core, Telerik UI for Blazor
- **Tools:** Git, Azure Dev-Ops, Azure Portal, Jira
- **Other:** Rest APIs, IOC, Agile, Web API, Scrum teams, Document Databases, development team communication

Work Experience

Software Engineering Intern at Kwik Trip, La Crosse, WI   May 2023 – Present
- **Accomplishments:** Enhanced full-stack features, including implementing soft deletion and inline editing on CRUD pages. Preformed .NET version upgrades and executed EF Core data-first scaffolding. Conducted data corruption forensics and introduced custom form validation in C#. scripted SQL schema changes, executed with careful attention to data integrity. Efficiently solved regression bugs.
- **Front End:** Made Consistent and reactive UI components with C#'s Blazor.
- **Back End:** Changed and augmented mature C# architecture while maintaining scalability and code reuse.
- **Git:** Used feature branching and pull requests with peer review to implement seamless source control.
- **SOLID Principles**: Developed clean solutions for web app fixes and features, adhering to SOLID principles.
- **Agile Scrum**: Engaged in scrum meetings delivering business value on an Agile software development lifecycle.
- **Pair Programming:** Collaborated with senior and junior developers, enhancing enterprise scale coding skills.
- **Work Ethic:** Maintained productivity with self-directed learning and team observation during low ticket periods.
- **Azure Functions:** Acquired familiarity with Azure Functions for scalable and cost-effective solutions.
- **Communication:** Strove to independently find solutions and learned how and when to ask for assistance.

Youth Leader at La Crosse YMCA Youth Center, La Crosse, WI   July 2021 – Feb 2023
- Engaged in proactive mentorship and supervision of community youth seeking a positive daytime environment.

Sales Associate at Sherwin Williams, Eau Claire, WI   June 2020 – May 2021
- Balanced fast-paced customer service, phone calls and inventory accuracy to establish trust in Sherwin brand.

Personal Projects

- **Personal Website:** Developed a user friendly and mobile responsive environment to showcase personal projects and information that goes beyond my resume. (johnfoxweb.com)
- **R-Tree visualizer:** Demonstrated skill in polymorphism, algorithms, data visualization, and user-friendly design. Explore along with my other projects on my website [here](https://johnfoxweb.com).
- **AI Voice Cloned Personal Assistant:** A fun project utilizing the ChatGPT API and a voice cloning API to make a Python application that takes voice commands and responds in character with a cloned voice of your choosing. I currently have tested it on Vega from the Doom games and plan on trying it with politicians. (https://github.com/jff97/assistant)