

Umut Bayindir

umutbayindir46@gmail.com

(289) 683-3885

[GitHub](#)

[LinkedIn](#)

Technical Skills

- **Languages:** C, Python, Java, JavaScript, HTML, CSS, SQL, PostgreSQL, Ada, Fortran, Cobol.
- **Frameworks and Libraries:** React.js, Node.js, Pandas, NumPy.
- **Developer Tools:** Git, Docker, MySQL.

Experience

Software Developer Volunteer (Python, NumPy, Pandas)

[McMaster University](#)

- Assisted a researcher at McMaster University's Biointerfaces Institute in cleaning and preprocessing a dataset for research purposes.
- Tasked with identifying and removing NaN values from the dataset to ensure its integrity for analysis.
- Utilized Python and data cleaning techniques to troubleshoot and resolve inconsistencies in large datasets.
- Successfully cleaned the dataset and created clear, insightful visualizations to aid in the interpretation and presentation of research findings.

Open Source Developer (HTML, CSS, JavaScript, Node.js, React.js)

[GitHub](#)

- Designed and developed a dynamic art portfolio website using Node.js, featuring an intuitive and visually appealing user interface.
- Optimized website performance by implementing best practices in server-side programming and database queries, reducing load times.
- Incorporated user authentication and artwork submission features, enhancing functionality and user experience.

Open Source Developer (React.js, JavaScript, HTML, CSS)

[GitHub](#)

- Developed a responsive and user-friendly calculator application using React, aiming to create a modern, intuitive tool for performing calculations.
- Managed user input and performed real-time calculations by leveraging React state and props, ensuring dynamic updates of the display.
- Designed a clean, modern user interface by implementing custom CSS styling, enhancing the overall user experience.

Education

Bachelor of Computing

University of Guelph (Sep 2019 – Dec 2024, Guelph, ON)

- Active member of the Society of Computing and Information Science, participating in events, discussions, and initiatives to promote innovation and collaboration in computing.