

# Chengyue Wei

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## EDUCATION

### University of Windsor

Windsor, ON

*Bachelor of Science in Computer Science*

*Sep. 2019 – May 2023*

- Related Coursework: Advanced Website Design, Agile Software Development, Database Management Systems, Adv. Practical Database Systems, Data Structures and Algorithms.
- 2020-2021 Scholarship recipient.

## EXPERIENCE

### Web Developer Intern

Jan. 2023 – Present

*Semper8 Capital Ltd.*

*Toronto, ON*

- Spearheaded the design and development of a new web application, resulting in a 20% increase in user engagement
- Supported the team with one or several of research; asset creation; front end development.
- Developed front-end features using HTML and JavaScript, saving the team an average of 3 hours per week in development time
- Assisted with financial research and analysis using online resources, digital tools, and Microsoft Office suite of products, providing valuable insights to senior team members.
- Data analysis & presentation, UX/UI/Tech research.

### Teaching Assistant

Oct. 2021 – Apr. 2022

*University of Windsor*

*Windsor, ON*

- Provided tutoring to students and assisted students with related questions about the courses.
- Instructed and graded course work in Computer Architecture II: Micro Program and Operating Systems Fundamentals.

### Frontend Developer

Sep. 2021 – Nov. 2021

*UWindsor CSSA*

*Windsor, ON*

- Implemented authentication flow for 100+ international students using React, Redux, JavaScript, and Material-UI, resulting in improved security and user experience.
- Utilized React hooks and Redux to monitor form consistency during login and registration, ensuring seamless user experience and increased user satisfaction by 25%.
- Designed UI components of the website with a lead UI designer, collaborating closely to ensure user satisfaction and improve website aesthetics, resulting in a 10% increase in website engagement.
- Developed reusable components and modular code, significantly improving codebase efficiency and reducing development time by 20%.

## PROJECTS

### Portfolio | *React, JavaScript, CSS, Bootstrap, React-Icons*

Dec. 2022 – Jan. 2023

- Developed a personal website that contains my information and projects.

### Integrated Campus Service Portal | *React, CSS, MySQL, Git, GitHub, VS Code, Miro*

Jan. 2023 – Apr. 2023

- Led development of an integrated service portal for the campus community, implementing optimized authentication functionality to assist students' user experience and extend the possibility of future development.
- Implemented personalized course recommendation system, utilizing survey form to suggest courses to students based on their academic history and interests, leading to a 30% increase in course selection accuracy and student satisfaction.
- Utilized digital transformation concepts to enhance the modernization of the website, resulting in increased user adoption of new features and increased efficiency of back-end processes.
- Optimized the user experience by implementing responsive design and user-friendly interfaces, leading to a 20% increase in user engagement.

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C#, MySQL, JavaScript, HTML/CSS, PHP

**Frameworks:** React, Redux, Node.js, Material-UI, Bootstrap, Express, MariaDB

**Developer Tools:** Git, GitHub, Unity, Linux, VS Code, Visual Studio, Eclipse