

Magnus Reeves

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Western University

Bachelor of Engineering Science, Software Engineering (BESc)

Deans Honors list: 84%

London, Ontario

Currently Enrolled in Year 4

Expected Graduation 2023

WORK EXPERIENCE

Console One

Front End Software Engineer

Toronto, Ontario

Summer 2022

- Built UI components in React and Vanilla JS to construct a browser-based IDE that is now used by a team of software engineers to develop websites that can be managed and deployed to AWS lambda; since internal implementation in July 2022, this IDE has become the foundation of Console One's recursive IDE product.
- Implementing UI components using the React render cycle and event management in JavaScript to create a functional editor; these components consist of a tab bar, a code editor, a project tree, and a data table.
- Developed strong programming practices through working with a team of experienced people. Learned how to properly structure code that can be easily read by others and continually improved upon.

DC Consulting

Junior Design Engineer

Toronto, Ontario

May 2019 – August 2021

- Created 3D models of Maple Leaf's food processing line and buildings using laser scanning data and previous 2D drawings; these 3D models were presented and used to optimize the construction and the re-facilitation of 3 factory layouts totaling over 1.5 million square feet.
- Assisted on-site planning and coordination for demolition and installation of machinery; used the 3D layouts to help contractors and electricians to coordinate construction.

EXTRACURRICULAR ACTIVITIES

Western Engineering Agricultural Technologies

Controls Analyst

London, Ontario

September 2018 – Present

- Using computer-controlled environments that determine the humidity, pH, and other factors of a sealed environment to create ideal growing conditions for tropical foods.
- Wrote software to take sensor data and determine the environment adjustments to maintain a proper growing climate.

Western Engineering Software Club

Lead Software Developer

London, Ontario

September 2022 – Present

- Recently started a team at the Software Engineering club to create a student center app for the community at Western.
- Manage the club through weekly scrum meetings and assign programming tasks to members.

Western Orientation Leader

Engineering Soph

London, Ontario

September 2022 – Present

- Helped facilitate first-year engineering students moving in and participating in orientation week.
- As a soph, the responsibility of being a role model and mentor to first-year engineering students teaches strong leadership and communication skills with others.

App Development

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- Working on a social media app intended for bartenders and waiters to connect with their customers; the app contains a feed for viewing posts as a customer and posting content as a server.
- Using Express JS, MongoDB, Firebase, and React Native managed by Expo.

ADDITIONAL

- **Hobbies:** Gold medal-winning skier at Craighleith Ski Club; AA GTHL Hockey player; Bronze Medallion and Bronze Cross Training;
- **Technical Skills:** HTML and CSS (proficient); React and React Native (proficient); Java (intermediate); JavaScript (proficient);
- **GitHub:** <https://github.com/rreeves8>
- **Website:** <https://magnusreeves.ca/>