

# Jonathan Bodner

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## SKILLS

**Languages:** Java, C++, Python, HTML, CSS, Javascript, VHDL, Processing, Matlab

**Technologies:** Git, GitHub, Bootstrap, Windchill, Arduino, Creo

## WORK EXPERIENCE

### Terrestrial Energy

Jan '20 - Apr '20 & Sep '20 - Dec '20

#### *Software Developer & IT Technician*

Oakville, ON

- Developed Windchill workflows using Java and the Windchill API in order to automate numerous product lifecycle management processes, leading to improved data accuracy & security while also reducing the amount of time spent by users on redundant tasks
- Collaborated with the QA team to overhaul the existing Problem Identification process, planned, managed & designed all required software features and changes in Windchill
- Arranged installation, verification and version control for multiple user software packages
- Analyzed server usage and planned improvements to increase performance by 10x
- Implemented solutions and deployed patches for any software or hardware issues

### Good Books Bookstore

Jul '18 - Aug '19

#### *Website Administrator, IT Support & Clerk*

Oakville, ON

- Consistently updated website pages using HTML and CSS to display up-to-date content
- Resolved technical issues with the stores website, hardware and clerical inventory software
- Assisted and recommended products to customers, performed opening and closing duties

## SIDE PROJECTS

**Algorithm Visualizer:** Java based Processing application to demonstrate sorting algorithms

**Rock Paper Scissors:** Responsive browser based game using HTML, CSS, JS, Bootstrap & JQuery

**Obstacle avoidance:** Used ultrasonic sensors and arduino to safely navigate a robotic vehicle

## EDUCATION

### University of Waterloo

Sep '19 - Apr '24 (Expected)

#### *BASc. in Computer Engineering*

Waterloo, ON