



# Lucas Thiessen

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 <https://github.com/lucasthiessen14> |  <https://lucasthiessen14.github.io/>

## Skills

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Languages: **C++/C, HTML/CSS, JavaScript, Python, PHP**

Tools: **Arduino, Atom, Firestore, Figma, Git/GitHub, Heroku, MongoDB Atlas, Visual Studio**

Libraries/Frameworks: **Bootstrap, Express, Laravel, Next.js, Material UI, Node.js, Pygame, React, Requests**

Soft Skills: **Teamwork, Strong Communication Skills, Highly Productive, Result Driven, Adaptable**

## Experience

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### **BACK-END SOFTWARE DEVELOPER CO-OP | YEAR ZERO STUDIOS | MAY 2022 – AUGUST 2022**

- Developed a quiz building application from the ground up using **React, Next.js, Firestore**, and **Material UI**
- Designed and implemented various new features and bug fixes for multiple websites managed by Year Zero Studios using tools such as **Figma, Git, Firestore**, and **Heroku**
- Composed support documentation to aid other developers on topics including **Git, Heroku deployment**, and **Firestore**

### **COMPUTING ASSISTANT CO-OP | UNIVERSITY OF WATERLOO | SEPTEMBER 2021 – DECEMBER 2021**

- Developed mobile views for the Faculty of Arts asset management website using **PHP, HTML**, and **JavaScript**
- Responsible for software maintenance across the Faculty of Arts application and asset management websites
- Provided desktop and hardware support for students and staff in the Faculty of Arts

### **SUPPORT ANALYST CO-OP | REGIONAL MUNICIPALITY OF YORK | JANUARY 2021 – APRIL 2021**

- Provided cellular and desktop support to the employees of the Regional Municipality of York
- Identified and resolved employee issues using **service desk ticketing software, BlackBerry UEM** and **Microsoft Intune**
- Composed support documentation on common issues to reduce the amount of time required to solve simple issues

## Projects

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### **SUDOKU GAME/SOLVER | AUGUST 2021**

- Developed a Sudoku solving application with **python** using the **Pygame** library utilizing **recursion** and **backtracking** methods
- Created a user interface allowing users to manually add and verify their own solution

### **EMPLOYEE TRACKER WEB APPLICATION | AUGUST 2020**

- Created a full stack web application using the **MERN** stack to track employee information at a business
- Implemented a **MongoDB Atlas** database to store employee and job description information
- Developed a front-end using **react** allowing users to add, delete, and display, employee and positions information

## Education

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### **UNIVERSITY OF WATERLOO | EXPECTED 2025**

Bachelor of Applied Science in Computer Engineering