Lucas Thiessen

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Skills

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

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| REGONAL 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

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

UNIVERSITY OF WATERLOO | EXPECTED 2025

Bachelor of Applied Science in Computer Engineering