

# Ethan Hodge

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<https://github.com/hodgepodge73>

<https://ethanresume.azurewebsites.net>

## EDUCATION:

UNIVERSITY OF GUELPH 2020 – present

- Engineering Systems and Computing (Co-op)
- Professional Engineers of Ontario scholarship for highest entrance average of the new cohort
- Dean's list student with 90% cumulative average

ST BENEDICT CSS HIGHSCHOOL

- Valedictorian for graduating class 2020

## WORK EXPERIENCE:

PINCHIN LTD Sudbury, Ontario  
Project Technologist Summer 2021

- Used VBA to regularly create macros and programs for excel to streamline data manipulation and transfer
- Carefully took and managed water samples to be delivered for testing

MYHEALTH CENTRE Sudbury, Ontario  
Administrative Assistant March 2018 – May 2021

- Manual data transfer/entry between different systems
- Ensure patients have follow-up appointments and upload their previous appointment data

## EXTRACURRICULARS:

UNIVERSITY OF GUELPH ROBOTICS TEAM 2020 – present  
Member

- Designed and implemented an iterating storage device on the team rover using SOLIDWORKS
- Coordinated with the team to ensure smooth project management

STEM CLUB 2017 – 2020  
Founding member

- Created and executed various STEM related events (STEM Day, STEM Olympics, etc.)
- Had critical role in winning a city-wide competition to design a living wall for the local science center

HOUSE LEADER 2017 – 2020  
Oso house leader (2<sup>nd</sup> floor lockers)

- Promoted school spirit through various planned activities
- Won the house competition against the other houses 3 times

## SKILLS:

### LANGUAGES

C, Java, MATLAB, VBA for Excel, HTML & CSS, C# (ASP.NET)

### PROGRAMMING SKILLS

Proficient in Data structures and algorithms, OOP

### OPERATING SYSTEMS

MAC OSX, Windows, Linux  
(Majority of distros)

### DEVELOPMENT TOOLS

Git, Visual Studio, NetBeans

### DESIGN TOOLS

SOLIDWORKS, AutoCAD

## PROJECTS:

### CHESS

Created a chess game using Java to employ OOP practices. Currently implementing the GUI and a standard computer ai.

### RESUME WEBSITE

Used ASP.NET to create a basic website to host a less formal resume. Hosted with Azure.

### RENTAL FINDER

Combining the Guelph-student run website [thecannon](http://thecannon.ca) with a map API to display parsed data from the website to create a useful map of available listings to aid in finding housing.

### HODGE CHECKERS

An early project made with Java Swing that implements a basic checkers game.