

# Joshua Perri

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## Personal Projects

- **Connect 4 (2018-2019)**
  - Utilized the IDE Netbeans and Java GUI libraries in order to create a version of Connect 4
  - Additionally ported the game over to C using a Linux terminal
- **Dodge 'Em Game (2019)**
  - Used object-oriented programming in Java to create a simple game
- **Background Changer (2019)**
  - Allows a user to change their desktop wallpaper from a Linux terminal

## Education

- **Bachelor of Computing, Computer Science (Co-op)**  
University of Guelph, 2019 - Present
  - Minor in Physics
  - Average grade of 87%
  - Board of Governors' Scholarship
- **Academic Projects**
  - Baby Name Archive (2019)
    - > Implemented a file reading system in order to allow a user to search up popular baby names by year using the C language
  - "Rogue" game (2020)
    - > Created a game in java using custom objects, interfaces and GUI
  - GPS Data webpage (2021)
    - > Used an HTML and Javascript front end and C backend to set up a web server that allows users to view GPS file data and find routes between points

## Extracurricular Experience

- **Design and Build competition (2018)**
  - Led a group to win the fourth Design and Build engineering competition by the Professional Engineers of Ontario
- **Niagara Region Mathletes champion (2017/2018)**
- **Tutored mathematics in high school (2017/2018)**

## Technical Skills

- **Languages**
  - C, Java, Visual Basic, Python, HTML, Javascript, CSS
- **Workflow**
  - Github, Documentation, Organization
- **Code Testing**
  - Debugging methods, Refactoring
- **Operating Systems**
  - Windows, Debian/Ubuntu
- **Web programming**
  - Front end HTML/Javascript, Back end Node.js/Javascript
- **Software**
  - Microsoft Powerpoint, Word and Excel

## Other Skills

- Mathematics
- Critical thinking
- Flexibility
- Cooperation