

# Nicholas Baker

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## Technical Skills

Languages - Java, C, Python, JavaScript, HTML/CSS, React, Bash, R, Assembly

Operating systems – Windows, Debian Linux, Ubuntu Linux

Development tools – GitHub/GitLab, Visual Studio, VirtualBox

Other skills – Familiar with AGILE, Microsoft Office, knowledge of JSON and XML, Customer service trained, Leadership trained, WHMIS trained, Worker health and safety awareness in 4 steps certified

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## Education

Bachelor of Computing - University of Guelph

Majoring in Computer Science, Minor in Psychology

Guelph, ON | 09/2019 - 04/2023 (Expected)

- Currently maintaining 83% cumulative GPA

Key Projects:

GPS Data Viewer | 2021

Nodejs, jQuery, SQL, C, HTML

- Built a website for viewing GPX files in CIS\*2750 – Software Systems Development & Integration
- This program would be used to create, edit and store GPX files

Unbeatable Tic-Tac-Toe | 2020 (Updated: 2022)

C, Make, Python

- Made an unbeatable tic-tac-toe AI by implementing a hash table and move calculations
  - Since updated, created a python unbeatable tic-tac-toe AI using minimax and alpha-beta pruning AI, the game can be played with boards sized 3x3, 4x4, and 5x5
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## Work Experience

**Best Buy Canada**

Product Process Specialist

Aurora, ON | 06/2021 - 09/2021

- Merchandising products on the show floor
- Ensured accuracy of products within the store
- Shipping and receiving products from the store
- Provide excellent customer service
- Maintained a proper and safe warehouse environment

**Evolv3D Manufacturing**

Print Technician

Aurora, ON | 09/2018 - 01/2019

- Post-processing 3D models
  - Packaging and shipping 3D models
  - Perform preventive machine maintenance, and set up builds for 3D printers
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## Volunteer Experience

### **Dr. G.W. Williams Secondary School**

Peer Mentor

Aurora, ON | 09/2018 - 06/2019

- Directed public during Registration Day
- Responsible for new grade 9's for Grade 9 Day, lead groups through timed activities

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## Achievement

### **Dean's List**

University of Guelph

Guelph, ON | 2019 - Present

- Awarded for attaining an above average GPA

### **Certificate of Outstanding Achievement**

Dr. G.W. Williams Secondary School

Aurora, ON | 2019

- Awarded for being an exceptional ambassador of the York Region District School Board's Cooperative Education Program

### **Ontario Scholar**

Dr. G.W. Williams Secondary School

Aurora, ON | 2019

- Awarded for attain an average of 80% or greater in their six best Grade 12 courses.

### **Specialist High Skills Major**

Dr. G.W. Williams Secondary School

Aurora, ON | 2019

- Awarded for participating in the business SHSM program