

# Nicholas Baker

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## EDUCATION

### University of Guelph

*Bachelor of Computing in Computer Science, Minor in Psychology*

Guelph, ON

Sep. 2019 – Dec 2023

## EXPERIENCE

### Developer

*Strmline Systems*

Mar. 2024 – Present

Guelph, ON

- Implemented Microsoft 365 solutions, while automating and productizing the process
- Use of Python, Power Automate Flow, Power Apps, Power BI, and SharePoint

### M365 Specialist

*Freelance*

Sept. 2023 – Mar 2024

Guelph, ON

- Implemented Microsoft 365 solutions, for a variety of companies
- Used many operations under the 365 umbrella including Automate Flow, Power Apps, and SharePoint

### IT Support Specialist

*Guelph Independent Living*

June. 2022 – Sept 2023

Guelph, ON

- Implemented Microsoft 365 at GIL, from paper to full SharePoint implementation
- Project management ensured a smooth transition to the new system, significantly improving the organization's productivity and efficiency
- Provided day-to-day IT support to our entire team

### Product Process Specialist

*Best Buy Canada*

June. 2021 – Sept 2021

Aurora, ON

- Merchandising products on the show floor
- Shipping and receiving products from the store
- Supply excellent customer service

## PROJECTS

### C- Compiler | *Java, Jflex, CUP*

Jan. 2023 – April 2023

- Built a compiler for C- for compiling .cm files in CIS\*4650 – Compilers (Implementation Project)
- This program would Scan, Parse, create a symbol table, and compile a .cm file

### AWS S3 Shell | *AWS, Python, Boto3*

Jan. 2023 – Jan 2023

- Built a shell in Python to perform actions within AWS S3 using Boto3
- The actions that the cli could perform would include local copy, download local, new bucket, new Dir, change Dir, current Dir, list, copy file to another Dir, delete file, delete bucket

### UoG McGill Course Finder | *React, JavaScript, Node, Flask, NGINX, Python*

Jan. 2022 – April 2022

- Built a program in a team to search and filter course offerings at the University of Guelph. Graphs majors and programs for the University of Guelph, and subjects for McGill.
- This was a full stack project with a front-end react and back-end flask with NGINX

### GPXParser | *C, JavaScript, HTML, CSS, Makefile, XML*

Jan. 2021 – April 2021

- This program would be used to create, edit and store GPX files
- This was a full stack project with a front-end and back-end
- Front-end was done with JavaScript, HTML and CSS. The back-end was done using only C

## TECHNICAL SKILLS

**Languages:** Java, C/C++, Python, JavaScript, HTML/CSS, React, Bash, R, Assembly

**Frameworks:** React, Node.js, Flask

**Developer Tools:** Git, Docker, Google Cloud Platform, Azure, AWS, VS Code, Visual Studio, Jupyter, Gradle

**Libraries:** pandas, NumPy, Matplotlib, Boto3