

# Matthew Biggins

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## EDUCATION

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### University of Guelph

*Bachelor of Computing, Minor in Business*

Guelph, ON

*September 2020 – April 2025*

## EXPERIENCE

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### Student IT Help Desk Technician

June 2024 – August 2024

*E.S. FOX Limited*

*Niagara Falls, ON*

- Provided software support and resolved tickets for E.S. Fox employees across all E.S. FOX offices in Ontario
- Troubleshooted and repaired hardware issues with E.S. FOX employee devices
- Setup and configured laptops, tablets, and phones for new employees hired at E.S. FOX

### Pharma Technical Analyst

October 2022 – January 2023

*F. Hoffmann-La Roche AG*

*Mississauga, ON*

- Worked with another intern at Roche to build a database on google cloud using BigQuery and python to store chemical safety information for use in pharmaceutical production.
- Collaborated with Genentech Hillsboro to develop their gSite which showcased information regarding Hillsboro Individualized Therapies. This initiative significantly improved transparency and made it easier for stakeholders to access information related to Hillsboro Individualized Therapies.
- Worked in an agile environment and conducted weekly standups with the other Interns at Roche.

### Technician

June 2022 – September 2022

*Boggio Pharmacy*

*Port Colborne, ON*

- Worked independently to configure a TELUS HME point of sale system for use within the pharmacy and worked to transfer the Pharmacy data and information into the point-of-sale system.
- Trained the pharmacy staff on the operation and functionalities of the system resulting in a streamlined process to fulfill product orders that customers have placed.

## PROJECTS

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### SVG Parser | C, Javascript, HTML, CSS, jQuery, Node.js, Express.js

2022

- Built a SVG parser using C and libxml2.
- Developed a front end for the SVG parser using JavaScript, HTML, and CSS, as well as jQuery.
- Developed a Node.js web server using Express.js to run the SVG parser.

### Covid-19 Data Analysis Program | Python, Pandas, Seaborn, Matplotlib

2021

- Developed a covid-19 data analysis program using Python with a team of four.
- Used the Python library's Pandas, Seaborn, and Matplotlib to create graphs of the covid-19 data.
- Used the scrum development cycle to collaborate with team members which resulted in an overall success for the project.

## TECHNICAL SKILLS

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**Languages:** C, Java, Python, JavaScript, HTML, CSS, SQL, PHP, R, Ruby

**Frameworks:** Node.js, Express.js, Bootstrap, Ruby on Rails

**Developer Tools:** Git, VS code, Windows Subsystem for Linux, make

**Libraries:** Pandas, Seaborn, Matplotlib, NumPy, playwright, jQuery