Matthew Biggins

(289) 697-1487 mbiggins@uoguelph.ca https://github.com/MatthewBiggins
www.linkedin.com/in/matthew-biggins

Technical Skills

Languages: C, Java, Python, JavaScript, HTML, CSS, SQL

Development Tools: Git, VS code, Windows Subsystem for Linux, make

Operating Systems: Windows, Debian Linux, Ubuntu Linux

Education

Bachelor of Computing, Software Engineering (Co-op) | 2020 – present

University of Guelph, Guelph, ON

- Completing a Minor in Business

Work Experience

F. Hoffmann-La Roche AG | October 2022 – January 2023

Pharma Technical Analyst

- 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
- Worked with Genentech Hillsboro to create a master slide deck and updated gSite. This resulted in an increase in transparency and ease of access to information within Hillsboro Individualized Therapies
- Managed a project where I gathered information from all the people within the product configuration and execution department at Roche, and then put together a leaflet about the department and all its functions, resulting in an increase in transparency and ease of access to information within Roche
- Worked in an agile environment and conducted weekly standups with the other Interns at Roche

Boggio Pharmacy | June 2022 – September 2022

Technician

- Helped to set up a TELUS HME point of sale system
- Worked to transfer the Pharmacy data and information into the point of sale system

Projects

Covid-19 Data Analysis Program | 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

SVG Parser | 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