

JAKUB WOZNIAK

Hamilton, ON · jakub@uoguelph.ca · (905) 962-0543 · jakubwozniak.ca

EDUCATION

University of Guelph

Bachelor of Computing, Computer Science (Co-op)

Last Term GPA: 92.5

Guelph, ON

2019 - 2024 (Expected)

SKILLS

Languages: C, C#, C++, JavaScript, Python, Java, SQL, HTML/CSS, PHP
Database & Libraries: PostgreSQL, jQuery, Firebase, Heroku, Bootstrap, Node.js
Server & Organizational Tools: Github, Azure DevOps, Apache SVN, GCP, MAMP, Postman, Doxygen

EXPERIENCE

University of Guelph

Web Developer

Guelph, ON

September 2021 - December 2021

- Full-stack development of the University of Guelph website using PHP, JavaScript, HTML & CSS.
- Updated the campus map by adding new buildings using latitude and longitude points in a JSON to plot out polygons and implemented them using the Google Maps API.
- Created a prototype framework of a brand-new modernized programs page for the university using Bootstrap following a design mock-up.

Xiris Automation Inc.

Software Developer

Burlington, ON

May 2021 - August 2021

- Developed a CRUD document automation system in C# linking to Sharepoint Online using a Client Side Object Model.
- Gained industry experience in releasing and debugging code written in C++ and C# for machine vision systems and managed version control of written code with Apache Subversion.
- QA tested company-created SDKs in order to find bugs in C++ code and helped resolve unclear documentation done in Doxygen.

PROJECTS

Messaging Application *Python, JavaScript, HTML/CSS, Flask, Firebase, Heroku, Postman*

<https://everglade-messaging.herokuapp.com/>

- Developed a messaging web application from scratch using Python for the backend and HTML, CSS & JavaScript for the frontend.
- Gained experience with deploying and working on web applications using Firebase and Google Cloud by creating a basic login system as well as a way to send, receive and edit messages between users.
- Created a REST API in Python allowing users to send, receive, edit and delete messages in real-time linked to Firebase.

GPX File Viewer *C, jQuery, JavaScript, MySQL, HTML/CSS, Node.js*

- Created a web app with CRUD functionality that parses XML files using a foreign function interface with a C back-end to manage and display GPS data.
- Greater expanded knowledge of REST APIs and learned how to utilize them effectively when paired with jQuery AJAX.
- Stored all data about GPX files in a MySQL database that used foreign keys and was accessed through a login system on the website.

AWARDS

Dean's Honours List

Awarded for achieving an 80% or above average in a semester.

University of Guelph

F20 & W21