

Samantha Zammit

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🔧 Work Experience

Woodbridge Foam Corporation

Software Engineering Student

06/2020 - 08/2020

- Developed a C++ application that gathers depth and stereoscopic images from a 3D camera, saves them and converts the images into unsigned 16 bit arrays in order to attempt to analyze 1mm depth differences.
- Web Application bug fixing, updating, and deployment for a variety of data collection applications used by the company's international facilities.

Woodbridge Foam Corporation

Software Engineering Student

05/2019 - 08/2019

- Developed an ASP.NET Core application that gave employees customizable notifications via email and text based on data collected in an SQL database from different systems within the manufacturing facilities. The application housed it's own RESTful API to communicate with the data collection applications.
- Developed two secondary applications to communicate with the notification application, one that acted as a server to send display information as well as directed notifications to clients using SignalR, and a second mobile application developed using Xamarin that ran on the Raspberry Pi clients to display the information on monitors.

Eggpectations

Hostess and Bartender

04/2018 - 12/2018

- Worked in a fast paced environment to provide customers with beverages, as well as opened and closed the bar at the beginning and end of shifts.
- Welcomed guests to the restaurant and managed the seating area in order to provide each server with equal customers.

Five Guys

Service Worker

03/2017 - 09/2017

- Worked as a cashier, back of house, and cook.

Bosley Real Estate

Administrator

08/2015 - 04/2016

- Created and managed appointments for the agents and clients as well as assisted with presentations.
- Created real estate documentation and worked with MLS.

🔧 Extra Curriculars

Carleton University

Volunteer Note Taker

2019 - 2020

- Provided in depth notes for students with disabilities for each lecture.

Kipling Heights Long Term Care Facility

Assistant for the Elderly and Palliative Care Worker

2014 - 2016

- Hosted morning events to allow for interaction and socialization between patients.
- Provided individual care and comfort for patients reaching end of life.

🔧 Education

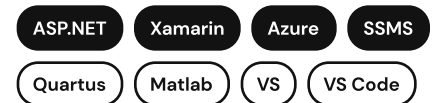
Carleton University

Biomedical and Electrical Engineering

2016 - 2021

🔧 Skills

Frameworks and IDEs



Languages



🔧 Ask me about

GPS Tracker Watch Project

4th year undergraduate capstone project to assist patients with dementia who wander and provide emergency location information (using a custom designed watch with GPS, cellular and solar charging capabilities) to their caretakers via a mobile application.

RCM Classical Practical Piano

Completed up to grade 7 classical piano examinations with distinction.

RCM Theoretical Music

Completed Basic, Intermediate and Advanced rudiments examinations with high class distinction.