

# Kovasky Buezo

COMPUTER ENGINEERING, CO-OP STUDENT

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## Projects

### Kafa - Thermostat Enhancer

St. John's, NL

1ST PLACE OVERALL, MAKEUOFT 2021

Winter 2021

- Awarded 1st Place Overall for MakeUofT 2021
- The goal was to create a plug and play thermostat enhancer, one that does not need installation nor guidance from an expert
- Built using JavaScript, Python, Flask, MySQL, and Docker

### The Revengeance

St. John's, NL

FINAL PROJECT FOR COMP4300

Fall 2020

- Achieved best submission with 100% final grade
- Built a game from the engine up, using modern C++ and SFML2.1
- Features include pathfinding algorithms, ray tracing and a custom level editor

### BytePusher VM

St. John's, NL

BYTEBYTEJUMP ONE-INSTRUCTION VIRTUAL MACHINE

Winter 2020

- Implemented a BytePusher Virtual Machine using Python and PyGame
- Ported the project to C++11 using SDL2
- Connected both implementations through the SWIG compiler

## Skills

**Languages** C++, Python, JavaScript, Java, C, Assembly, Bash, Liquid

**Frameworks** Flask, Jinja, JQuery, PLY (Lex-Yacc), Docker, SFML, SDL, Qt, SWIG, Bootstrap

## Experience

### InnovMarine Inc.

Lévis, QC

JUNIOR PROGRAMMER ANALYST CO-OP STUDENT

Winter 2021

- Developing and maintaining software solutions for the shipbuilding industry

### Memorial University of Newfoundland

St. John's, NL

ENTREPRENEURIAL CO-OP STUDENT

Summer 2020

- Worked towards the implementation of an importing business whose key mission is to bridge the gap between ethically sourced premium Honduran products and Canadians
- Developed a supply chain strategy that encompasses direct trade with producers and the transportation of goods from origin to end consumer
- Defined a brand strategy that outlines the core values of the company's brand identity

### Brewery Lane Mt. Pearl

Boston, MA

ECOMMERCE DEVELOPER (PART-TIME)

Spring 2020

- Led the creation, direction and usability of the e-commerce website, *blmtp.com*, using Shopify's framework alongside Javascript, HTML, and CSS

### Lester's Dairy Farm

St. John's, NL

PROJECT ENGINEER CO-OP STUDENT

Fall 2018

- Carried out a prefeasibility study for an anaerobic digestion facility
- Performed mass balance calculations
- Assisted in planning and decision-making process in the design phase of the facility

To view more, please visit my [LinkedIn](#) profile

## Education

### Memorial University of Newfoundland

St. John's, NL

BACHELOR OF ENGINEERING, COMPUTER

Spring 2022 (Expected)