Kovasky Buezo

+1 (709) 689-8383 • St. John's, NL • kab310@mun.ca
github.com/kovasky • linkedin.com/in/kovaskybuezo • kovasky.me

EDUCATION

MEMORIAL UNIVERSITY OF NEWFOUNDLAND — St. J ohn's, NL
Computer Engineering Co-op Student — Spring 2022 (Expected)

ESCUELA INTERNACIONAL SAMPEDRANA — Honduras
U.S. Highschool Diploma — Spring 2015
Honduran Bachillerato

SKILLS

- **Programming:** C++, Python, VHDL, Javascript, Liquid, HTML, CSS
- **Other Technologies:** SDL2, Qt, PyGame, React, GIT
- **Software:** MATLAB, Simulink, Quartus Prime Lite, Photoshop
- **Operating Systems:** Windows, GNU/Linux

PROJECTS

BytePusher Virtual Machine [Code] — Winter 2020
- Implemented a BytePusher Virtual Machine that includes a one-instruction set CPU and memory-mapped pixel buffer and keystates using **Python** and **PyGame**
- Ported the project to **C++11** using **SDL2**
- Connected both implementations through the **SWIG** compiler

Intel 8080 emulator and pseudo-assembler [Code] — Fall 2018
- Implemented a pseudo-assembler with a built-in Intel 8080 emulator connected using **C++11** and **Qt**

CHIP-8 Interpreter [Code] — Spring 2018
- Implemented a CHIP-8 Interpreter that includes a 35-opcode CPU with a monochrome display using **C++11** and **SDL2**

EXPERIENCE

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 — St. John's, NL
Ecommerce Developer (Part-time) — May-July 2020
- Lead 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

EMPIRE ELECTRONICS — Honduras
Maintenance Engineer Co-op Student — Winter 2018
- Assisted in the designing of maintenance strategies, procedures and methods which reduced assembly line down-time to 3% and scrap production to 1%
- Carried out routine scheduled maintenance work and responded to equipment faults
- Diagnosed breakdown problems through the collection and analysis of on-site data

SULA VALLEY BIOGAS — Honduras
Planning Engineer Co-op Student — Winter 2017
- Assisted in the planning, budgeting and decision-making process
- Interpreted data from SCADA systems to provide reports and analysis to upper management as required
- Wrote the first plant operations handbook after becoming familiar with the production process