

# Liam Dwyer

Victoria, BC Canada

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## Skills

**Programming** HTML5, CSS, JavaScript, Node.js, Bootstrap, React, Python, Java, PHP, C++, Racket

**Software** MATLAB, Excel, Latex, Solidworks

## Education

**University of British Columbia | B.S. Computer Science | 1<sup>st</sup> Year (2019-Present)**

- 90.3% Cumulative Average
- Member UBC Varsity Cross Country and Track & Field Teams

## Personal Projects

**Bizhacks 2020 | Grand Prize Winner (2020)**

- 24-hour hackathon where students solve real-life business problems concerning corporate sponsor: Best Buy
- Designed "Hub by Best Buy" which enabled 3<sup>rd</sup> party brick & mortar stores to leverage excess space by utilizing it for Best Buy stock.
- Utilized Node.js and SMS API: Twilio to send messages to customer and "Hub" owner when order is placed.
- Placed 1<sup>st</sup> out of 53 teams.

**Macbeth Arcade Game | Java (2018)**

- Created Macbeth-themed dungeon crawler video game in Java.
- Implemented A\* search algorithm for enemy pathfinding, developed understanding of game loops & game design.
- Designed Pokémon-style scrolling dialogue system using object-oriented principles.

## Work Experience

**KITCHEN PORTER**

*Murchie's Tea & Coffee, Victoria, BC / Dec 2015 – Jan 2019*

- Perform serving, cleaning, and stocking duties in the café to facilitate customer service.
- Managed time & prioritized tasks to facilitate workflow behind the counter.
- Ensure that customer needs are met and that their experience in the café is excellent.

## Awards/Honours

- UBC Varsity XC and Track & Field Scholarship
- District/Authority Award
- BC Achievement Award
- Team BC Cross Country Member