

Mark Ippolito

mar-i.co

ippolito.comma.mark@gmail.com

— Education —

University of British Columbia, Vancouver, BC, CA

Sep 2021 – May 2026

4th year, Bachelor of Science, Computer Science major

Relevant Coursework: Intro to Software Engineering, Computer Hardware, Algorithm Design, Comp. Graphics, Comp. Networking, Comp. Optimization, Compiler Construction

Overall GPA: 3.47, Major-only GPA: 3.88

— Technical Skills —

Programming Java, C++, Rust, Agda, GLSL, HLSL

Web HTML, CSS, JavaScript, TypeScript, React

Other Git, SQL, R, MediaWiki

— Technical Projects —

Web-Based Course Viewer

Academic

Sep 2023 – Dec 2023

- Worked in tandem with a partner to implement a query system for classes and rooms
- Created a web interface communicating with a local server
- Performed weekly retrospective meetings in Agile-like format

Technologies: TypeScript, React, CSS

Custom Programming Language Interpreter

Personal

July 2023 – Dec 2023

- Implemented a functional language with basic data structures
- Parsed source files, performed type checking, and displayed evaluated results
- Maintained source locations through the intermediate language to provide detailed error messages

Technologies: Rust

Sokoban with Solver

Academic

Feb 2023

- Worked with a partner, splitting game logic and display along a shared interface
- Created a breadth-solver, deduplicating states to improve search times

Technologies: Haskell

— Work Experience —

Doughnut Maker (Production), Krispy Kreme, Austin, TX, US

Jun 2023 – Aug 2023

- Managed production schedule to meet delivery amounts and additional demand
- Communicated with decoration department to prepare fillings and dyes as needed
- Prioritized time to complete daily and occasional tasks

Doughnut Specialist (Customer Service), Krispy Kreme, Austin, TX

May 2022 – Aug 2022

- Worked within a team conducting the front-facing area of the store
- Fulfilled orders for customers in-store, through drive-through, and online