

Brian Pho

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Education

SOFTWARE ENGINEERING | SEPT 2015 - APRIL 2019 | UNIVERSITY OF CALGARY

- Major: Bachelor of Science in Software Engineering
- Relevant courses
 - Data Structures Algorithms and Their Applications (Searching and sorting, hash tables, graphs)
 - Principles of Software Development (OOP, inheritance, concurrency, GUI)
 - Computer Organization (Machine code, assembly, hardware organization)

Profile

- **Programming:** Learning C/C++ for school and used Processing to create a video game
- **Creativity:** Connects many disciplines to create new and original ideas and concepts
- **Problem Solving:** Loves a challenge and is renown for his IT skills by his family and friends
- **Leadership:** Delegates tasks to members on group projects to increase productivity

Experience

INSTRUCTIONAL ASSISTANT | KUMON | NOV 2013 - PRESENT

- Mark student's math homework from arithmetic to calculus to help them learn from their mistakes
- Search for logical errors and attention to detail errors in student's work like finding bugs in code
- Teach 40+ students math and basic English comprehension to clarify and explain concepts

PROBLEM SOLVING CLUB| SEP 2016 – PRESENT

- Solves 2-3 programming problems weekly on Kattis
- Attended workshop on source control to learn basic Git commands
- Participates in programming contests such as the 2016 ACPC and 2017 CCPC

FIRST YEAR FINAL GAME PROJECT| NOV 2015

- Created an original game as my final course project to demonstrate my creativity and proficiency in programming with Processing.
- Managed a large and complex project
- <https://github.com/Brian-Pho/Ring-Runner-Game>

Interests

- **Artificial Intelligence:** The main reason of why I got into programming
- **Philosophy:** Discussing the big questions like why we exist and what is knowledge
- **Reading:** Books in science fiction and young adult. Books allow me to explore what it means to be human and where humanity will go in the future.