

# ARI KHUYAGBAATAR

## EDUCATION

**University of British Columbia, Vancouver, BC**

Sep 2015 - May 2019 (expected)

Bachelor of Science in Computer Science

Exchange to University of Melbourne, Melbourne, Australia

Feb 2018 - Jun 2018

## SKILLS

Programming: TypeScript, JavaScript, Java, C++, C, Python, SQL and HTML

Tools: Git, Latex and Unity

Methodology: Agile software development

## WORK EXPERIENCE

**Software Developer (Co-op), Mazdis Inc., Vancouver, BC**

Sep 2017 - Dec 2017

Implemented new features and enhanced UI for Mazdis' web application for automated secure bike parking systems using Angular 2 and Node.js. Fixed bugs, performed quality assurance and refactored existing code by analyzing and identifying areas of improvement.

## PROJECTS

**Hunger Games Simulator**

Oct 2017 - Nov 2017

In team of 4, developed a web app based on the Hunger Games books and movies. The application allows users to take the role of a person watching the games from the outside the arena, whether as a Game-maker who can control the arena environment, confronting the contestants with assorted resources and dangers, or as a Capitol citizen who can view the contestants' current status and place bets on various contestants. Used PHP and MySQL.

**Personal Website**

Apr 2017 - May 2017

Created my personal website to showcase my projects and passion for computer science. Used HTML and CSS.

**InsightFacade UBC**

Jan 2017 - Apr 2017

In team of 2, developed a web app that enables effective querying of the metadata from UBC. Implemented a back-end system to process JSON and HTML files and wrote EBNF based query language. Created UI and implemented algorithms for scheduling courses in rooms, finding the nearest coffee shops, searching through courses and buildings at UBC. Used Typescript, Javascript, HTML, CSS, and Google Map API.

**Mind The Gap**

Feb 2016 - Apr 2016

Implemented an android mobile application that displays the London underground map with stops, routes and train arrival times. Parsed JSON and XML data to generate routes. Designed JUnit tests for test-driven development. Used Java.

## EXTRACURRICULAR ACTIVITIES

**Herddit, nwHacks, Vancouver, BC**

Jan 2018

A runner-up in the Best Social Hack category at the nwHacks. In team of 4, created an Amazon's Alexa Skill that browse Reddit for visually impaired people. Herddit reads posts and comments, and describes images, gifs and videos on Reddit. Used Python, AWS, Reddit API and Microsoft Vision API.

**Proffy, nwHacks, Vancouver, BC**

Mar 2017

Won 1st place in the Hack Harassment category at the nwHacks, western Canada's largest hackathon. In team of 5, created a chrome extension that targets cyberbullying. The extension searches through any webpage, censors black-listed words and replaces them with an appropriate emoji. Used JavaScript (jQuery), HTML, and CSS.

**SwordShip, AMS Game Development Association, Vancouver, BC**

Jan 2017 - May 2017

Won the "Best game" and the "Most popular game" at the Year End Showcase of the AMS game development association at UBC. SwordShip is a physics based combat game where you fly vehicles that can wield a variety of giant weapons. Used C# and Unity.

## VOLUNTEER EXPERIENCE

**Computer Science Student Society, Vancouver, BC**

Jan 2017 - present

Outreach officer of the computer science student society at UBC. Organizes social events to outreach computer science students.