

TECHNICAL SKILLS

Programming

• Java • C++ • C • HTML, CSS

Software Tools

• Git • IntelliJ • MATLAB • RStudio

EDUCATION

University of British Columbia
Bachelor of Applied Science - Computer Engineering
Co-op: Available for 4 or 8 months beginning May 2021

Expected Graduation: May, 2023

ENGINEERING STUDENT TEAMS

Thunderbots, UBC

September, 2018 – September, 2019

Software Team Member

- Developed Artificial Intelligence of soccer-playing robots to compete in annual RoboCup competition; Achieved first place in 2019 competition
- Implemented decision making and control evaluation functions in C++ that improved robots' gameplay mechanisms
- Collaborated with team members through Agile workflow; Learned professional etiquette for code version control

TECHNICAL PROJECTS

Personal Website and Portfolio

August, 2020 – Present

- Established a personal website through HTML, CSS hosted on GitHub pages as a portfolio, blog, and course note organization

MowiBot, A Discord Bot

June, 2018 – August, 2018

- Programmed an interactive bot with a variety of user commands for popular voice and text chat application Discord using Java Discord API

WORK EXPERIENCE

CACTES Association, Surrey, British Columbia

August, 2015 – September, 2018

President

- Provided strong leadership for team of over 60 members by establishing communication and strategies with other board and executive members
- Oversaw monthly local charity projects and events that raised over \$3,000 in total for non-profit organizations in Nepal and Uganda

VOLUNTEER EXPERIENCE

UBC Imagine Day Orientation, Vancouver, British Columbia
Orientation Leader

February, 2018 – September, 2018

- Led an orientation group of 10 new-to-UBC students to foster an engaged, respectful community
- Facilitated smooth delivery of Imagine Day; Gained outstanding leadership and communication skills

UBC Geering Up, Vancouver, British Columbia
Engineering Explorations Outreach Volunteer

January, 2018 – February, 2018

- Inspired Grade 10 girls that were considering STEM careers to gain confidence and motivation
- Promoted teamwork, critical thinking, problem solving skills by assisting students in design challenges

INTERESTS & ACTIVITIES

- Instruments – Jazz trombone, Royal Conservatory of Music (RCM) Level 7 Piano
- Creative writing and reading