TECHNICAL SKILLS

**Programming:** C, Java, Verilog, Git, HTML, CSS, C++ (learning now), and python (learning now)

**Administrative:** Microsoft Office, Conflict Resolution, Problem Solving and Organization

**Certification:** Workplace Hazardous Materials Information System (WHMIS) and First Aid Certificate

EDUCATION

**University of British Columbia (BC) Expected Graduation May, 2022**

***Bachelor of Applied Science – First Year Engineering***

***Bachelor of Applied Science – Second Year Computer Engineering***

*CGPA: 85%*

AWARDS

UBC Trek Excellence Scholarship (Top 5% of UBC Students) **2019**

ENGINEERING STUDENT TEAMS

**Sailbot Engineering Design Team,** University of British Columbia (UBC) **September, 2018 – Present**

***Member***

* Goal is to design and sail an autonomous sailboat from Vancouver to Hawaii in one month
* Member of UBC Sailbot’s mechanical and computer engineering teams
* Planned and constructed a boom positioning sensor (BPS) in a team of three people

**First Robotics Challenge Team,** Singapore American School **September, 2015 – May, 2018**

***Co-Captain***

* Member and Co-Captain of 12 team members for three years
* Trained new members in equipment usage and safety protocols
* Constructed three robots with over 100 hours experience
* Created robots for First Robotics annual regional competition in Sydney, Australia

WORK EXPERIENCE

**Wize Online Tutoring,** Vancouver, BC **August, 2019 – Present**

***Content Creator***

* Created new practice questions for mock exams in 12 courses across multiple Universities (University of Western Ontario, Queens University, University of Calgary, University of British Columbia, and University of Victoria) in Canada
* Managed 12 courses by answering student’s questions and updating course content for midterms and final exams
* Collaborated with a diverse team of 12 to improve student grades

**YMCA-YWCA Camp Stephens Summer Camp,** Kenora, ONT **June, 2017 – August, 2019 *Camp Counsellor and Sailing Coordinator***

* Led multiple groups of diverse campers
* Developed creative methods to teach hundreds of campers how to sail and sail safely
* Coached children how to canoe, kayak, swim and sail
* Involved in a peer community of 40 people

WORK EXPERIENCE

**Da Vinci Private Limited, Singapore** **September, 2017 – May, 2018**

***Robotics Instructor***

* Taught children to program in Lego Mindstorm Robots
* Established relationships with parents and children

**ERC Holdings Private Limited,** Singapore **June, 2017 – August, 2017 *Marketing and Finance Intern***

* Checked prices of hundreds of competing schools to develop worksheets to compare prices
* Filed financial reports

INTERESTS & ACTIVITIES

* Volleyball
* Travelling
* Gaming
* Science Fiction
* Swimming
* Sailing