

Margaret Brewster

University of Waterloo, Systems Design Engineering Class of '22

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Skills

Programming

- Experienced with, JavaScript, HTML, CSS, Bootstrap and Sass
- Proficient with Java and Visual Basic
- Competent with C/ C++
- Proficient with React and Redux

Communication

- Comfortable Public speaker
- Strong argumentation skills
- Bilingual in French and English

Leadership

- Attended the SHAD Valley leadership and STEM program
- Held numerous leadership roles in clubs

Design

- Professional experience in UI design
- Will complete SYDE 161 design project
- AutoCad and Solidworks

Relevant Experience

Front End Developer

Shaw Telecommunication, Calgary, Jan 2018- April 2018

- Worked In an agile environment, using Jira to manage and track tickets.
- Upgraded Shaw Newsroom to A level WAI web accessibility standards.
- Worked with CLUA, EKTRON and ATG content systems to build responsive web pages or Moblify enabled pages.
- Implemented Optimizely code to create targeted commerce streams, as well as Adobe analytics to track purchasing habits of customers.

Founder

Web Development and Program Management Summer Student

City Of Calgary, Calgary, May 2017- September 2017

- Created and designed websites for various community centers; increased community engagement and automated internal program registration processes, eliminating 20% of daily phone calls.
- Programmed Html, CSS, Bootstrap, JavaScript and Sass; created attractive and intuitive UI/UX design based on analysis of demographic analytics.
- Integrated Shopify, PayPal and Google API's.
- Introduced and taught internal education seminars on site function and maintenance; ensured internal consistency and product knowledge.

Founder

Code Ninjas, Calgary, April 2016 - April 2017

- Created and organized a code literacy initiative through the Calgary Public Library with the goal of teaching children how to program.
- Used creativity and innovation by incorporating unique teaching tools such as Minecraft.
- Taught Basic algorithms such as binary search, quick sort, and bubble sort.

Web Development and Marketing Intern

Grey ADV, Calgary, August 2016 - October 2016

- Programmed in HTML, CSS, Bootstrap, JavaScript and integrated API's to actualize websites to suit client specification.
- Reduced company operation costs by \$2500 by identifying opportunities for partnerships with local hosting companies.
- Designed a creative marketing campaign using Adobe Photoshop with the goal of attracting sign ups for web development classes.

Relevant Activities

First Robotics, FRC Volunteer for Team 5630, FTC

Aberhart Robotics Republic 2016-17

- Taught Java and the First robotics library
- Used Android Studios to program a mobile app for

robot control.

- Researched, applied for and received \$2000 grant. from Devon Energy to help buy supplies.
- Modelled robotic parts in AutoCad and Solidworks.

University of Calgary Debate Society, VP Social Media and Marketing 2016-17

- Designed Promotional campaigns to promote student involvement for both digital and physical mediums.

- Was in charge of all UCDS social media accounts and running them in a professional and engaging way.

Debate & Model United Nations Captain — 2015-17

- Exercised time management in registration of 86 team members and creation of weekly lesson plans.
- Taught communication skills, critical thinking, and respectful argumentation.

Education

Candidate for B.ASc Systems Design Engineering , September 2017-June 2022

SHAD Valley Carleton University, June 2016 - July 2016
Attended the SHAD Valley college summer program for STEM education and leadership skill development

Delf B2 French Accreditation, June 2016 - July 2016
Recognized as Fluent in French language arts by the CLEP Ministère De L'Education Nationale.

Singularity University Summit, October 2017
Has been chosen to attend this silicon valley Think Tank and business incubator as an ATB Financial representative.

Awards

Loran Provincial Award Recipient, 2017: Received for community leadership and mentorship work. Currently Sponsored by ATB financial.

Best Delegate U of C High School Model UN Conference, 2017: Was recognized as the best delegate in the NATO committee on the basis of: cooperative problem solving, speakings and topic understanding

Webber Academy Open Invitational Debate Champion , 2017: Placed as the top senior debate team after being judged on speaking skill and logical argumentation.

William Aberhart Citizenship Award , 2017: Was recognized for outstanding community service and leadership throughout her high school career by the William Aberhart Community.