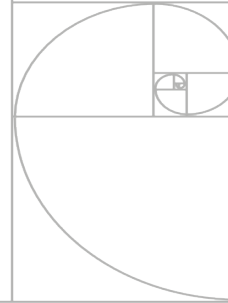




Software Developer,
Engineering Physics Student



Languages

- Java
- Python
- C++
- Arduino/C
- HTML/CSS
- QML

Projects

Political Bias Detector Hack Princeton Spring

March 2018

With three other students, parsed web pages and used a machine learning algorithm to categorize articles according to their political bias. Programmed in Python, used Anaconda for package management, and Github for version control and to facilitate collaboration.

Autonomous Robot ENPH 253 "Robot Course"

May 2017 - Jun 2017

In 6 weeks, worked with three other Engineering Physics student to design from scratch, manufacture, and program an autonomous robot for the ENPH 253 "robot competition". See more at our website: channel4robotteam.github.io.

Extra-Curriculars

Alpha Omega Epsilon Professional Sorority

Sep 2015 - Present

Current roles: **co-webmaster**
and **alumnae outreach chair**.

Godiva Band Marching Band

Sep 2015 - Present

Trumpet player.

Education

University of British Columbia

Vancouver, BC

2015 - Present

BASC in Engineering Physics

Major Entrance Scholarship

78.5% Cumulative Average

Professional Experience

Elastic Path Software Java Developer

Vancouver, BC

May 2018 - Present

Headed the development of a new internal service from the design stage, through deployment, testing, and maintenance. Developed fixes and updates to the core product. Investigated and built new features. Published documentation and blogs on various projects and demonstrated progress during team stand-ups.

Linespect Application Developer

Vancouver, BC

Jan 2017 - May 2017

Worked independently on improving the LineSpector user interface using QML and C++. Updated and wrote new internal documentation. Supervised and controlled UAV test flights. Developed training and promotional materials for clients.

Volunteer Experience

Engineering Undergraduate Society

UBCEC Director

May 2018 - Present

Recruited and managed volunteer student chairs and industry judges for 8 events, created and tracked the competition budget, created the competition schedule and event rubrics, and supervised the work of the UBCEC Logistics and Sponsorship Manager positions.

UBCEC Logistics Manager and Senior Design Co-chair

May 2017 - Oct 2017

Supervised a team of 11 student volunteers, coordinated judges for 8 events, developed the competition schedule, tracked inventory, and prepared and ran opening ceremonies. Co-chairing Senior Design involved designing a challenge, briefing competitors, supervising the event, and facilitating judging and awards.

Royal Canadian Air Cadets Familiarization Pilot

Sep 2014 - Jun 2015

Piloted familiarization flights for air cadets and air cadet staff in Schweizer 2-33A gliders (air tow). Kept timesheets and assisted in launching gliders. Taught ground school lessons on aviation and meteorology related topics and gave safety briefings.

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