

ALISON DEERE

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EDUCATION

Bachelor of Science in Atmospheric Science with Distinction

University of British Columbia | Vancouver, BC

Sep 2016 – May 2021

- Completed the interdisciplinary four-year undergraduate program that focuses on the meteorological fields of air quality, environment, climate change, weather monitoring, and instrumentation. Obtained a strong foundation in physics, chemistry, math, and computing science.
- Upper-level courses include *Atmospheric Radiation and Remote Sensing*, *Advanced Geographic Information Science*, *Waves, Currents and Ocean Mixing*, and *Numerical Techniques for Ocean, Atmosphere and Earth Scientists*.

Go Global Exchange

University of Glasgow | Glasgow, UK

September 2018 – May 2019

- Received \$2000 in scholarships to study abroad.

RELATED EMPLOYMENT

Applied Meteorology Teaching Assistant

University of British Columbia | Vancouver, BC

September 2019 – April 2020 / September – December 2020

- Marked final exams and student quizzes for ATSC 113 Applied Meteorology: Weather for Flying, Sailing & Snow Sports, responded to students' emails in a timely manner and invigilated final exams both in person and online for this and several other courses in the Earth, Ocean, and Atmospheric Science department.

Research Assistant

UBC Weather Forecast Research Team | Vancouver, BC

Summers of 2018, 2019, and 2020

- Worked on near real-time verification of wildfire smoke forecasts against surface particulate matter observations using Python (including pandas and Xarray), R, and Git. Created webpage for these results using HTML and CSS.
- Worked with a team of developers to create a prototype of a website for the Weather Forecast Research Team using a static website generator (Hugo), HTML, CSS, Git, and markdown.
- Developed a prototype website a third year Atmospheric Science course using HTML, CSS, and Adobe Dreamweaver and assisted in course development.
- Cleaned and tested Davis weather instruments installed at various locations around Vancouver.
- Created instructional videos for a first year applied meteorology course using Camtasia.

EMPLOYMENT

Front of House Server and Cashier

Boogies Burgers | Calgary, AB

August 2021 – Present

- Worked in a team of front of house staff to greet customers, take orders and payments, make milkshakes, serve food and beverages, and buss tables. Often scheduled for either opening or closing shifts, requiring either prep of food for the day, or a thorough cleaning of the restaurant. Ensured excellent communication and customer service to patrons.

Community Outreach Coordinator

CJSW 90.9 FM | Calgary, AB

June 2021 – August 2021

- Worked as a summer staff member soliciting existing and new businesses to be part of the CJSW Friends program. Emailed, called or visited 200+ local businesses and organizations to understand their desired sponsorship program. Ensured that CJSW enter the fall funding drive with a full roster of supporting businesses.
- Developed, produced, and edited audio content for advertisements for local and independent businesses to be broadcast on the radio.

Facility Operations Staff

UBC Tennis Centre | Vancouver, BC

September 2017 – August 2018

- Assisted in facility maintenance and registering clients for programs and court reservations using CLASS software. Provided exceptional customer support to tennis patrons by answering questions via phone, email and in person. Demonstrated excellent problem solving, interpersonal skills and ability to work in a team environment.

VOLUNTEER EXPERIENCE

Programmer/Volunteer

CJSW 90.9 FM | Calgary, AB

June 2021 - Present

- Assisted in fundraising for the radio station by manning the phones and taking donations.
- Hosted a weekly radio show for two months. Independently researched for, prepared, and produced shows each week.

Co-President

UBC Storm Club | Vancouver, BC

September 2019 – May 2021

- Attended EOAS department strategic meetings and undergraduate council meetings. Planned and organized events for Atmospheric Science students and acted as a resource to new science students in choosing their major.

Interview Coordinator

CiTR 101.9 FM | Vancouver, BC

September 2019 – May 2021

- Acted as a liaison between radio show hosts and promoters to inform contributors of interview opportunities via email and set up a mutually agreed-upon time for the host to interview the artist(s).
- Gathered information on touring artists to pitch interview opportunities to members of the radio station weekly.

TECHNICAL SKILLS

Proficient in: Python, HTML, MATLAB, Microsoft Office Suite, Excel

Experience with: R, CSS, JavaScript, ArcGIS, QGIS, Git, Bash Scripting, Markdown, Adobe Dreamweaver, Camtasia