

# Braden Dubois

## About Me

Student at the University of Saskatchewan, pursuing a B.Sc. (Double Honours) in Computer Science and Philosophy.

## Education

University of Saskatchewan B.Sc. Double Honours - Computer Science & Philosophy	Saskatoon, SK 2017 - 2022
University of Saskatchewan Certificate of Proficiency - Ethics, Justice, and Law	Saskatoon, SK 2017-2020

## Groups & Societies

<b>Arts and Science Students' Union</b> Technical Manager <ul style="list-style-type: none"><li>Responsible for maintaining the ASSU website (assu.usask.ca).</li><li>General technical support.</li></ul>	2017 - Present
<b>uSask Cyber Security Team</b> VP Challenges <ul style="list-style-type: none"><li>Responsible for creating the group's monthly curriculum.</li><li>Responsible for curating end of month challenges, such as capture-the-flag (CTF) events.</li></ul>	2020 - Present
<b>Computer Science Students' Society</b> Member	2017 - Present
<b>Competitive Programming Club</b> Member <ul style="list-style-type: none"><li>The Competitive Programming Club collaborates to share information and strategies so that its members can improve at competitive programming in the form of contests and various online judges.</li></ul>	2019 - Present

## Featured Projects

### Competitive Programming

 bradendubois / competitive-programming

A collection of solutions to competitive programming problems, submitted to online judges, such as Kattis.

- C++
- Python 3

### Arch Setup

 bradendubois / arch-setup

Installer scripts to quickly set up an Arch-based distro with my custom terminal/shell scripts and install software from the AUR. Sets up any machine to be suitable for my daily workflow. Predecessor to another project that backs up my workspace, *arch-backup*.

- Bash

### Personal Website

 bradendubois / personal-website-v2

An overhaul of my personal website/portfolio built in React, used to showcase projects and personal information. Replaces a version built with HTML/CSS/JavaScript without using any libraries or frameworks.

- HTML 5
- CSS / SCSS
- TypeScript
- React

## Hard Skills

### Languages

- Python 3
- C++
- Java
- TypeScript / ES6+
- HTML 5
- CSS 3 / SCSS
- Bash / Shell-Scripting
- C

### Tools / Frameworks

- Git / VCS
- React
- NPM

## Soft Skills

- Documentation
- Communication
- Problem-solving
- Time-management
- Self-direction
- Ambition to learn

## Achievements / Miscellanea

### Competitive Programming

Fall 2019

- Winning team of the Advanced category for the Local Qualifier in the ACM Inter-Collegiate Programming Contest at the University of Saskatchewan. Competed in the Rocky Mountain Regional Qualifier in Edmonton in October 2019, placing 23rd of ~70 teams.

### Unix Bootcamp Presentations

September 2019

- Co-prepared and delivered intermediate-level presentations for the CSSS's Unix Bootcamp.

\* References, employment-related or academic, available upon request.

\*\* Academic transcripts, if relevant/required, available upon request.