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Braden Dubois

About Me

I am a student at the University of Saskatchewan, in my third year of completing a B.Sc. (Double Honours) in Computer Science and Philosophy.

Education

University of Saskatchewan	*Saskatoon, SK*
B.Sc. Double Honours - Computer Science & Philosophy	2017 - 2022

University of Saskatchewan	*Saskatoon, SK*
Certificate of Proficiency - Ethics, Justice, and Law	2017-2020

Groups & Societies

Arts and Science Students' Union
Technical Manager   *2017 - Present*
- Responsible for maintaining the ASSU website (assu.usask.ca).
- General technical support.

uSask Cyber Security Team
VP Challenges   *2020 - Present*
- Responsible for creating the group's monthly curriculum.
- Responsible for curating end of month challenges, such as capture-the-flag (CTF) events.

Computer Science Students' Society
Member   *2017 - Present*

Competitive Programming Club
Member   *2019 - Present*
- 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

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.