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# Joshua Deans

## EDUCATION

**Simon Fraser University**, Burnaby, BC, Canada                       **Sept 2017 – Apr 2020**
Bachelor of Computing Science (Second Degree)                              Average: 3.82/4.33
- Deans Honour Roll: Summer 2018, Fall 2018

**University of British Columbia**, Vancouver, BC, Canada              **Sept 2011 – Apr 2016**
Bachelor of Applied Science, Civil Engineering                                      Average: 78%
- Deans Honour List: 2015W
- Civil Capstone Design Award (2016 Grad Class)

## SOFTWARE CO-OP WORK EXPERIENCE

**Jostle Corporation,** Java UI Developer Intern: Platform-Wide        **Jan 2019 – Aug 2019**
- Implemented an extensive framework to unify UI navigation throughout a large Java/GWT codebase.
- Redesigned Jostle's UI view management system to reduce code redundancy and simplify development flows.
- Integrated responsive Window components into the framework using CSS animations and Promise-based events.
- Used object-oriented design principles and design patterns to make the framework scalable and robust.

## ENGINEERING WORK EXPERIENCE

**Kiewit**, Civil Engineer Intern: Port Mann/Highway 1                 **Jan 2015 – Aug 2015**
- Organized daily traffic logistics to support night shift construction crews.
- Facilitated sales of project salvage items, returning ~$10,000 to the project.

**BC Hydro**, Public Safety and Project Support Co-op                  **May 2013 – Dec 2013**
- Provided project management support for public safety projects and documented public safety standards.

## TECHNICAL PROJECTS

**"Math Blocker" Chrome Extension (http://bit.ly/math-blocker)**       **Mar 2019 – May 2019**
- Chrome extension that prevents users from accessing distracting sites until they answer math questions.
- Built Using: JavaScript, React, Redux, Chrome API.

**"Duke it Out" Web App (Hackathon Project - nwHacks 2019)**          **Jan 2019 – Mar 2019**
- Chat web application that allows fans on rival sports teams to argue in a fun way.
- Built Using: NodeJS, RESTful API, MySQL, SocketIO, React, Redux, Bootstrap, GitHub, Microsoft Azure.

**"Walking Group" Android App (Software Engineering Course Project)**  **Jun 2018 – Aug 2018**
- Android application that encourages students to walk in groups to school.
- Built Using: Java, Android, Agile Processes, Scrum, Google Maps/Places API, GitLab.

**"FitTrkr" Web App (Database Course Project)**                       **May 2018 – Aug 2018**
- All-in-one Fitness and workout tracking web app to manage overall health.
- Built Using: MySQL, ER Diagrams, Database Normalization, Python, Flask, Bootstrap, Git.

**"Actor Grapher" Web App (http://bit.ly/actor_grapher)**             **Feb 2018 – Mar 2018**
- Web application to search and display any actor's cumulative Rotten Tomatoes scores.
- Built Using: NodeJS, JavaScript (CheerioJS and ChartJS libraries), HTML, CSS, Bootstrap.

## TECHNICAL SKILLS

**Languages:** Java (fluent), JavaScript (fluent), Python (proficient), TypeScript (familiar)
**Technologies:** Node/Express, React, Git, GWT, Selenium, MySQL, Jenkins, Flask, HTML/CSS