**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 in a 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**](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.

**“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**](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, Jenkins, Flask, HTML/CSS