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Joshua Deans
Computer Science

TECHNICAL SKILLS

Programming
- Python
- Javascript
- HTML/CSS
- Java
- SQL

Software/IDEs
- Linux
- Git/GitHub
- JetBrains Suite
- Android Studio

Knowledge
- Web Development
- Android Developent
- Database Management

TRANSFERRABLE SKILLS

- Demonstrated the ability to work seamlessly both in teams and independently.
- Practiced in communicating technical topics to non-experienced laypersons.
- Able to learn new concepts in depth and with efficiency.

CIVIL CO-OP WORK EXPERIENCE

Kiewit   **Jan 2015 – Aug 2015**
Port Mann/Highway 1 Engineer Intern
- Coordinated and optimized traffic closures daily for the night shift traffic crew through collaboration and compromise with various conflicting parties. This resulted in efficient operation throughout the project.
- Planned the completion of remaining project tasks, resulting in upwards of one hundred outstanding tasks being closed.
- Facilitated the sale of salvage items on the project, resulting in tens of thousands of dollars being returned to the project.
- Led purchasing of signs, traffic equipment, safety equipment, structural materials, and other required items for the entire Onshore team.

BC Hydro   **May 2013 – Dec 2013**
Public Safety and Project Support Co-op
- Updated seven Public Safety Management Plans, providing guidelines for BC Hydro generation facilities to ensure that they comply with public safety rules.
- Provided support for public safety projects, ensuring that public safety standards were met.
- Supported Public Safety Education operations, relating to teaching public safety to firefighters, paramedics, police and trades workers.

COMPUTING SCIENCE TECHNICAL PROJECTS

Task List Web App   **Apr 2018 – May 2018**
- Used NodeJS to create a task management web application with Materialize CSS for the front end.
- Implemented full user authorization for secure sign-up with PassportJS and bcrypt.
- Seamlessly and efficiently updated information with AJAX using Axios library.

Rotten Tomatoes Actor Grapher (bit.ly/actorgrapher)   **Feb 2018 – Mar 2018**
- Created a NodeJS web application to display a graph of an actor's cumulative Rotten Tomatoes scores, using Bootstrap

- Used a web scraper to scrape score data from Rotten Tomatoes.
- Displayed the results in an aesthetically pleasing chart using ChartJS library

Personal Website (http://www.joshuadeans.com)   **Jan 2018 – Mar 2018**
- Taught myself HTML, CSS, and Bootstrap to make a personal resume website.
- Wrote Javascript and jQuery code to add event handling to manipulate browser elements.

CIVIL TECHNICAL PROJECTS

UBC South Campus Stormwater Management Plan   **Sept 2015 – Apr 2016**
- Produced a preliminary design report to provide further details about the chosen solution, including technical, economic, societal, regulatory, cost and schedule analyses.
- Presented a conceptual design to the client and professors, showing three potential solutions, and the preferred solution
- Won the Civil Capstone Design Award for best storm water management project

VOLUNTEER WORK EXPERIENCE

Learning Buddies   **Jan 2017-Jul 2017**
Math Tutor
- Provided one-on-one tutoring assistance to an elementary school student struggling with mathematics.
- Mentored student to improve his self-esteem and attitude towards academics.

International Volunteer HQ   **Aug 2014**
Orphanage Volunteer – Ho Chi Minh City, Vietnam
- Entertained, engaged and cared for young Vietnamese orphans, ranging from newborns to ten year olds.
- Assisted in performing rehabilitative activities for a disabled orphan.

EDUCATION

Simon Fraser University   **Sept 2017 – current**
Bachelor of Computing Science, Second Degree
Grade Average (current): 3.95

University of British Columbia   **Sept 2011 – Apr 2016**
Bachelor of Applied Science: Civil Engineering
Grade Average: 78%

AWARDS

2015W Deans Honour List
Civil Capstone Design Award (2016 Grad Class)

ACTIVITIES AND INTERESTS

- Weightlifting
- Cooking
- Playing guitar
- Travel