

Topan Budiman

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Education

University of Calgary

Bachelor of Science in Software Engineering

Calgary, AB

Sept. 2020 - Present

- **GPA: 3.73/4.00**
- **Relevant Courses:** Data Structures and Algorithms, Object-Oriented Design, Operating Systems, Networks, System Design and Design Patterns

Skills

Languages: Python, JavaScript, Java, C/C++, HTML, CSS

Tools and Technologies: React, Tailwind, MaterialUI, FastAPI, Git, JIRA, Oracle DB, MySQL, Firebase, Figma

Experience

Ovintiv

Software Developer Intern

Calgary, AB

May 2022 – Aug. 2022

- Developed a **React dashboard web application** to streamline the current workflow for asset management
- Developed a **REST API** using **FastAPI** to query and analyze data to forecast trends accurately
- Enhanced reporting for business teams resulting in an increase of overall working productivity by **~25%**
- Utilized **React, JavaScript, FastAPI, Python** and **Oracle Database**
- Practiced **agile methods** by engaging in **daily SCRUMS** to ensure deliverables were completed in a timely manner

Projects

University of Calgary | Course Final Project

April 2022

Food Bank Management System

- Developed a **Java** application that created optimized food hampers base on inventory of items and needs of each family
- Created and implemented UML diagrams and created unit tests using **JUnit**

Hack Your Learning 2022

March 2022

DuoChef | 1st Place

- Developed a web application using **React, Firebase** and **Node.js**
- Created an app that works as a social platform as well as suggests cooking recipes to the user

CalgaryHacks 2022

Feb. 2022

studyBuddies

- Developed a web application using **React** and **Firebase**
- Created an interactive flashcard game that prompted users with questions related to their field of study

Extracurriculars

Code the Change YYC

Co-President

Calgary, AB

March. 2022 – Present

- **Oversee all operations** for a student-led initiative that provides volunteering and learning opportunities for students
- Managed a team of student executives to ensure deliverables were completed on time by following **agile methodology**
- Responsible for **organizing major events** such as hackathons and workshops that are aimed at students

Code the Change YYC

Project Team Lead

Calgary, AB

March 2022 - June 2022

- Led a team of 4 students to develop a **web application** for a non-profit Org to streamline their donation drive process
- Utilized **React** for front-end, **Firebase** to store client info and **git** for version control
- **Followed agile practices** to ensure work was completed in a timely manner