

# Shawn Fernandes

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## EDUCATION:

### University of Regina, Regina, SK - B.Sc. in Computer Science

January 2018 - April 2022

### Birla Institute of Technology, Ras Al Khaimah, UAE - Diploma in Computer Technology

September 2013 - April 2017

**Relevant Courses:** Software Engineer Methodology, Software Development Project, Building Interactive Gadgets, Mobile Computing (Android), Web & DB Programming, Computer Networks, Advanced Data Structures.

## EXPERIENCE:

### Walmart, Regina - Dairy/Frozen Associate

Sep'21 - Aug'22

- Adhered to standards and policies for food safety, followed sanitation and cleaning procedures.
- Adhered to standards and policies for cold chain compliance, and temperature.
- Helped customers with their shopping needs and queries.
- Helped train new associates with day-to-day tasks.

## PROJECT:

### Project: Smart Brain Website.

Oct'22 - Ongoing

- Goal: Build a stable website with a connection to a machine learning API, that lets users upload photos and detect faces.
- Project Synopsis: Learned React and Node. Designed and added functionality to front-end pages. Created server functionalities, database and essential user account functions. The backend and database are deployed via Render.
- **Tech Stack: React, Node.js, PostgreSQL, ClarifaiAPI, Git.**
- GitHub repo: <https://github.com/sf0912/SmartBrain>

### Course Project: Forum Site (4-month group project)

Jan'21 - April'21

- Goal: Build a stable, forum-based website by following all phases of the software process (MVC design used).
- Responsibilities: Quickly learn the basics of VueJS and the Firebase cloud database in a few weeks. Designing and adding functionality to the web pages. Worked on user account creation, database creation and integration with the front end. I also worked on the non-functional document, and test cases (functional, integration, user experience) for the front end via manual testing.
- **Tech Stack: JavaScript, VueJS, Firebase, VS Code, Git.**
- GitHub repo: [https://github.com/sf0912/CS476-You\\_Are\\_Precious](https://github.com/sf0912/CS476-You_Are_Precious)

### Course Project: Android App Development (4-month project)

Jan'21 - April'21

- Goal: Had to build an app of my own concept using what I learned in class.
- Project Synopsis: Created a simple periodic table app that displays its details on a separate page when a user taps on an element.
- **Tech-Stack: Android Studio, Kotlin.**
- GitHub repo: [https://github.com/sf0912/CS455\\_TermProject](https://github.com/sf0912/CS455_TermProject)

### Course Project: Assignment Organizer (4-month group project)

Sept'20 - Dec'20

- Goal: Apply what I learned in the **software engineer methodology course**, to build a piece of software.
- Project Synopsis: Built an electron-based application that allows students to back up assignments and documents into an organized file structure on their computer.
- **Tech Stack: HTML, Materialize CSS, JavaScript, Electron, Node.js, Git, VsCode**
- GitHub repo: <https://github.com/sf0912/CS372-AssignmentOrganzier>

### Skill

**Proficient:** C++, SQL.

**Familiar:** , HTML5, Java, CSS, JavaScript, React, Linux, Git, Arduino, Kotlin, AJAX, JSON, PHP.

### Volunteer Experience

- ❑ UOR Ambassador: Volunteered as backend crew for various events-gala functions, fresh week, International Day
- ❑ Enactus: Worked towards creating an interactive garbage bin to foster garbage disposal.

**Interests:** Interests in other areas are: reading, travelling, technology, and piloting.