

TANISH SHAH (He/Him)

Data Science Student

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Personal website: <https://tanish-shah-site.herokuapp.com/>

Github profile: <https://github.com/t-shah02>

TECHNICAL SKILLS

Languages

- HTML
- CSS
- Racket
- JavaScript
- Python
- Java
- C/C++

Frameworks/Technologies

- React
- Flask
- MongoDB
- Git/Github
- MS Office

Certifications

- Class 5 Driver's License

EDUCATION

Simon Fraser University
Bachelor of Science – Data Science

Expected Graduation: May 2025

PERSONAL PROJECTS

UniMeetups : CalgaryHacks 2022 Hackathon

Feb 2022

- Front end: HTML/CSS, along with Bootstrap 5 to enhance visual elements
- Back end: Flask (Python web server) and MongoDB for server-side storage of user data.
- A meetup web app targeted towards Canadian university students, where users can become classmates and host public meetup events, in their respective school's hub

Echidna.py

Sept 2021 – Present

- A Discord bot written in Python
- Used the Pycord fork of the original wrapper library around the Discord API
- Learned how REST APIs function and how to handle get/post http requests.
- Gained basic knowledge about asynchronous programming, via coroutines and the async/await keywords
- The application serves as a general purpose bot that can perform math, image processing, anime, mini-games, and many other miscellaneous commands

Tunes.java

Oct 2021 – Dec 2021

- A music player desktop application written in the Swing GUI framework in Java. Users can open their own mp3 files and create/edit/save their own playlists.
- Utilized the object oriented programming paradigm and various design patterns to make an organized application.
- Used UML class diagrams to effectively model the classes within the project's packages, along with multiplicities and aggregation relationships.
- Learned how to save the state of an application locally, using read/write operations on JSON files.

WORK EXPERIENCE

Papa Murphy's Pizza, Calgary, AB

Aug 2019 – Aug 2021

Pizza Maker

- Prepared fresh pizzas, along with their respective ingredients and stocked new supplies
- Cleaned pizza equipment, the floor and other miscellaneous areas
- Took walk-in customer orders and processed online orders for delivery and pickup
- Trained new employees

VOLUNTEER EXPERIENCE

Henry Wise Wood High School, Calgary, AB

Mar 2019 – Oct 2019

Teaching Assistant

- Created rubrics for French and Spanish courses using Microsoft Office to help teachers improve feedback given to students
- Organized and cleaned classrooms as needed to maintain a safe and healthy learning environment for students

Calgary Public Library, Calgary, AB

Sept 2017 – Mar 2018

Youth Volunteer

- Gained over 50 hours of experience teaching children aged 6-12 in programming and math related events and topics in after school events.
- Learned how to work as a team with other volunteers and how to explain concepts to younger audiences, in order to enrich their knowledge on topics that I was passionate about

INTERESTS & HOBBIES

- **Front and back end web development**
 - **Data Science**
 - **Machine learning**
 - **Music**
 - **Anime**
 - **Video Games**
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