

Education

- Dunbarton High School, Pickering, ON 2017 – Present

Technical Expertise

Python, Kivy, Flask, HTML, Jinja2, CSS, JavaScript, React, Material UI, GSAP.js, MySQL, SQLite, Java, C#, Visual Basic, Windows 10, Office 2016 and Office 365, Windows 8, iOS 10, 11

Awards

- General Proficiency Award for highest average in Grade 10 at Dunbarton High School
- Certificate of Merit for Academic Excellence in Grade 10 Canadian History
- Certificate of Merit for Academic Excellence in Grade 10 Career Studies
- Certificate of Merit for Academic Excellence in Grade 10 Civics and Citizenship
- Certificate of Merit for Academic Excellence in Grade 10 Computer Technology
- Certificate of Merit for Academic Excellence in Grade 10 Core French
- Certificate of Merit for Academic Excellence in Grade 10 Computer Science
- General Proficiency Award for highest average in Grade 9 at Dunbarton High School
- Certificate of Merit for Academic Excellence in Grade 9 Core French
- Certificate of Merit for Academic Excellence in Grade 9 Information Technology
- Certificate of Merit for Academic Excellence in Grade 9 Keyboard Music
- Certificate of Merit for Academic Excellence in Grade 9 Science
- Selected as the Valedictorian for the Grade 8 graduating class
- Certificate of Distinction (Top 25%) in University of Waterloo Cayley Contest
- Certificate of Distinction (Top 25%) in University of Waterloo Pascal Contest
- Certificate of Distinction (Top 25%) in the University of Waterloo Gauss 2017 Math Contest

Software Projects (GITHUB.COM/REEZANVISRAM)

ImproveMint: A self-improvement website where users can track their tasks and habits.

- Allows users to create a secure account, and keep track of tasks and habits they would like to complete daily
- Keeps track of a user's progress, and displays all the necessary information in one central "dashboard"
- Backend is built on the Python Framework Flask
- Database is built using SQLite3
- Frontend is built on HTML (with Jinja2), CSS, and JavaScript (for responsive design – the site looks good on all devices and on all screen sizes)
- Deployed at www.reezanvisram.com/improvemint

NHL Simulation: A realistic simulation of the entire NHL season

- Makes requests to the NHL API to get up-to-date player stats
- Uses these stats to compare players and determine winning teams
- Uses Python for the simulation engine, and Python with Kivy for the GUI
- Allows the user to take control of a team and watch that team's entire season
- Users can view individual player stats, as well as team stats throughout the simulation

PillsOnWheels: A prescription management and delivery service app deployed on the Google Play Store.

- A cross-platform mobile application, made with React Native
- MySQL for database and Python with Flask for backend
- Allows users to keep track of their prescriptions using a clean and easy-to-use UI
- Users can then order their prescriptions for contact-less delivery
- Users can also sign up as a driver to make money delivering prescriptions (similar to Uber)
- Developed as part of the Hack the Northeast Hackathon
- Deployed at https://play.google.com/store/apps/details?id=com.Visram_INC.PillsOnWheels

CompleteCrisisCoverage: A website for users to see the impact COVID-19 has had

- Built using HTML, Bootstrap CSS, and JavaScript
- Python with Flask for the backend
- Users can see COVID-19 statistics for every country in the world
- Users can share their stories and read others' stories about COVID-19
- Deployed at www.reezanvisram.com/completecrisiscoverage

Work Experience

Hack the Northeast

August 2020 – Present

Web Developer

- Built the frontend of the Hack the Northeast website using React and Material UI
- Built smooth website animations using GSAP.js
- Worked on UI/UX design using InVision Studio
- Worked alongside other developers and graphics design teams to create a stunning and responsive website

Dunbarton High School

Jan 2018 - Present

Mathematics and Science Tutor

- Conducted one on one learning sessions for Mathematics and Science.
- Planned individual programs for students of different abilities.
- Evaluated student progress and provided academic counseling as needed.
- Designed lesson plans in alignment with the mathematics and science curricula.
- Built relationships and communicated with both parents and students about concerns.
- Selected for Peer tutoring for enhancing Mathematics knowledge at Dunbarton High School.

Pickering Recreation Center

Summer 2018

Assistant Camp Counselor

- Directed daily functions for summer camp dedicated to creating engaging recreational opportunities for children.
- Organized and led small and large group activities such as crafts, nature, songs, games and swimming
- Identified and responded to camper behavioral issues, and report concerns to camp leadership.
- Maintained accurate program records, including incident reports, logs, and daily attendance reports.
- Communicated with parents regarding participant experiences and expectations.
- Worked with special needs children
- Awarded top assistant counsellor for the adventure camp for demonstrating superior performance

Pickering Recreation Center

Summer 2017

Assistant Camp Counselor

- Worked with children with special needs
- Directed daily functions for summer camp dedicated to creating engaging recreational opportunities for children
- Identified and responded to camper behavioral issues, and report concerns to camp leadership.
- Set-up and oversee indoor/outdoor activities
- Provided leadership and guidance to young children during daily activities
- Awarded most improved assistant counsellor award

Extra-Curricular Activities

- Attended Global Encounters International Program focused on service, leadership development, culture, and global citizenship (2020)
- Participated in the OpenHacks hackathon (2020)
- Participated in the MasseyHacks hackathon (2020)
- Participated in the HackTheNortheast hackathon (2020)
- Member of programming club at Dunbarton High School (2019-2020)
- After School Numeracy Support Tutor at Dunbarton High School (2019-2020)
- Member of Debate Club at Dunbarton High School (2018-2019)
- Member of Frequent Reader Club at Dunbarton High School (2018-2019)
- Member of Music Band at Dunbarton High School (2017-2018)
- Played rep (competitive) soccer with Pickering and West Rouge Soccer Clubs (2011-2017)
- Emergency First Aid Certified
- Bronze Medallion Certified
- Standard First-Aid Certified
- CPR-C Certified