

Hetang Mehta

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Technical Skills

Programming: Python, C++, JavaScript, Java, Swift, MatLab, C#, React, SQL

Tools/Frameworks: Selenium, Linux, Tkinter, PyQt, HTML, CSS, Git, SAP, Tableau, Power BI, MS SQL Server, .NET

Miscellaneous: Full-stack Development, Web development, Automation, Android App Development, IOS App Development, REST, Data Decoding, Multithreading, Software testing and debugging

Education

University of Alberta

Sep 2021 – Present

Computer Engineering, BSc Co-op Program

Work Experience

Suncor Energy

Sep 2023 – Present

Data Analyst Intern

- Developed 3 automation tools which saved 30 hours of work for tasks maintain, update, create and manipulate data within SAP.
- Streamlined many mundane business tasks for planners and schedulers by analyzing, designing and developing automation tools.
- Created analytical, informative, and visually appealing data visualizations using tools like Python and Power BI to help make my team make data-driven decisions.
- Designed new automation tools based on business requirements, to streamline the business processes and functions using Python.
- Cleaned and processed large datasets to ensure data quality and accuracy, improving the reliability of subsequent analyses.

YMCA

May 2019 – Sep 2023

Aquatics Lifeguard and Swimming Instructor – Part-time

- Trained four lifeguards and swimming instructors on effective scanning and teaching techniques
- Utilized lifesaving techniques to ensure the safety of patrons during a swim test, lessons, on deck and when assisting co-workers
- Ensured patrons aged from 12-months to 75 years old received an amazing learning experience in lessons
- Performed regular headcounts, three water tests per day, change room checks, and safety checks of equipment

Projects [\[Portfolio Website\]](#)

Locked-In [\[GitHub Repo\]](#)

March 2023

- Created studying aid in Python that closes programs detrimental to studying.
- Program closes programs for study period (user-entered) and allows them to run for break period (user-entered).
- Integrates interactive GUI created through Python Library 'Tkinter'.

Chess App [\[GitHub Repo\]](#)

January 2022 – Present

- Developed an IOS application using Swift and X-code that allows a user to play a 2-player game of chess with a timer.
- Designing an interface which allows the game to be played between two iPhones
- Created a UI that adapts and changes its dimensions depending on the user's device
- Implementing a timer option which allows the user to have the ability to choose the timer duration; works like a chess timer.

Dog Classifier Website [\[GitHub Repo\]](#)

November 2022

- Led team of 4 in developing a dog diet estimation web application.
- Created a login system with the use of HTML, CSS, and JavaScript.
- Developed a time-dependent email notification system, using C#.
- Integrated multiple languages and source code from multiple engineers to achieve a cohesive website.

Leadership Experience

Computer Engineering Club, PR representative

September 2022 – September 2023

- Promoted and assisted in organizing GEER week events alongside another PR rep. and two club presidents.
- Responsible for paperwork, registration documents, and coordinating deadlines pertaining to GEER week.
- GEER week is a one weeklong event to encourage team building and comradery among students of different disciplines

The Nest [\[School Store\]](#), Manager

December 2018 – June 2021

- Led a team of 5 to run and manage the entirety of the School Store at Joane Cardinal Schubert High School
- Achieved to 5x the expected profits within 1 month, which resulted in production of personalized merch.