

Hetang Mehta

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Technical Skills

Programming: Python, C++, JavaScript, Java, Swift, MatLab, C#, React JS, SQL, VB .Net, Blazor, Razor

Tools/Frameworks: Selenium, Linux, Tkinter, PyQt, HTML, CSS, NodeJS, Git, SAP, Tableau, Power BI, SQL Server, VB .NET, Entity Framework Core, Oracle, DevOps, Azure, Toad for Oracle, Putty, WinSCP, Remedy, PL/SQL, Mongo

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

Education

University of Alberta

Sep 2021 – April 2027

Computer Engineering, BSc Co-op Program

Work Experience

Canadian Natural Resources Limited – CNRL

Jan 2024 – Aug 2024

Systems Developer Student

- Implemented and updated a budgeting procedure from the ground up, in VB.NET and Oracle PL/SQL to help aid business decisions made by senior management; Whilst also updating the UI to simplifying the user experience. Resulting in more accurate profit estimations for the company.
- Reworked the Oracle PL/SQL architecture to accommodate several new additional features allowing administrators to track the individuals responsible for any given site.
- Debugged, validated, tested, and developed fixes to resolve crucial production errors such as key budgeting calculations and UI failures within the Budget application, and scheduled oracle jobs failing.
- Utilized Agile methodology and Azure for successful deployments of full stack improvements to current applications which resulted in improved workflow and productivity of the users.

Suncor Energy

Sep 2023 – Dec 2023

Engineering Intern

- Developed automation tools using Python, which resulted in saving 30 hours of work for tasks such as maintaining, updating, creating and manipulating data within [SAP](#).
- Created analytical, informative, and appealing data visualizations using tools like Python and Power BI to assist teams in making data-driven decisions.
- Cleaned and processed large datasets using Python, VB, and Excel to ensure data quality and accuracy while complying to company standards for recording and managing the given data; therefore, improving the reliability of subsequent analyses.

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

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.

Leadership Experience

Intern Social Committee at CNRL, Communications Coordinator

Jan 2024 – Aug 2024

- Promoted various networking opportunities for interns at CNRL.
- Responsible for all communications representing the Intern Social Committee.
- Managed all promotions and assisted in organizing more than 10 events alongside the two club presidents.

Computer Engineering Club, PR representative

Sep 2022 – Sep 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.

The Nest [School Store], Manager

Dec 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.