

Hetang Mehta

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Technical Skills

Programming: Python, C++, JavaScript, Swift, MatLab

Technologies: Object-oriented programming, HTML, CSS, Linux, X-Code

Skills: Software testing and debugging, Project management, Problem solving, Logical thinking

Relevant Courses: Electrical circuits, Logic designs, Continuous time signal systems, Signal processing, Algorithms and data structures

Education

University of Alberta

Class of 2026

Computer Engineering candidate, BSc Coop

Work Experience

YMCA

May 2019 – Present

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
- Exposed to at least four scenarios daily which required the ability to collaborate with co-workers and the ability to work under pressure to resolve the scenarios in the best possible way

Projects

Chess App – Personal Project [[GitHub Repo](#)]

January 2022 – Present

- Developing 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.

Random Photo App – Personal Project [[GitHub Repo](#)]

January 2022

- Developed an IOS application using Swift and X-code that allows a user to generate a random photo from a URL
- Implemented web scrapping to be able to extract the data of the random photo generated by the URL
- Developed a UI that can adapt and change its dimensions depending on the user's device

Portfolio Website – Personal Project [[GitHub Repo](#)][[Portfolio Website](#)]

December 2022

- Designed and developed a website to be used as a portfolio
- Implemented the UI to adapt and change depending on the viewport of the user's device
- Utilized: HTML, CSS, JavaScript

Dog Classifier Website – HackED Beta [[GitHub Repo](#)]

November 2022

- Developed a website a website designed for Dog owners to be given notifications for when to feed, walk their dog
- Designed the website as a group of four for the Hacked Beta competition held by the Computer Engineering club at UofA
- Constructed the UI of the login system with the use of HTML, CSS, and JavaScript where users save their preferences
- Integrated six different pages to work seamlessly together
- Integrated multiple languages and source code from multiple engineers to achieve a cohesive website

Leadership/Volunteer Experience

Computer Engineering Club, PR representative

September 2022 – Present

- 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