

Hetang Mehta

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Education

University of Alberta
Computer Engineering, BSc Coop

2nd year, Class of 2026

Technical Skills

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

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

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

Personal and Course 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.
- Implementing a timer option which allows the user to select a pre-set time which automatically counts down, pauses, and plays as the user plays the game
- Utilized: Swift, X-code

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
- Utilized: Swift, X-code

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

December 2022

- Designed and developed a website to be used as a portfolio
- Implemented a menu bar which controlled hidden texts using JavaScript, HTML, and CSS
- Utilized: JavaScript, HTML, and CSS

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

November 2022

- Designed and developed a website a website designed for Dog owners to be given notifications for when to feed, walk their dog as a group for the Hacked Beta competition held by the Computer Engineering club at UofA
- Created the UI (user interface) of a login system with the use of HTML, CSS, and JavaScript where users can login to save their preferences
- Integrated multiple languages and source code from multiple engineers to achieve a cohesive website.
- Utilized: JavaScript, HTML, CSS, Python, and C#

Work Experience

YMCA

May 2019 – Present

Aquatics Lifeguard and Swimming Instructor – Part-time

- Trained 4 lifeguards and swimming instructors on effective scanning and teaching techniques
- Utilized the learned lifesaving techniques to ensure the safety of patrons, whether it be during a swim test, lessons, on deck or even when assisting another lifeguard
- Ensured patrons aged from 12-months to 75 years old received an amazing learning experience in lessons
- Performed regular headcounts, 3 water tests per day, change room checks, and safety checks of equipment to ensure to the safety of the patrons
- Exposed to at least 4 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

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
- GEER week is a one weeklong event to encourage team building and comradery among students of different disciplines of engineering at the University of Alberta

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