# Hetang Mehta

Computer Engineer Candidate

(587)-438-8399 | hmmehta@ualberta.ca | [LinkedIn](#) | [GitHub](#)

## Technical Skills

**Programming**: Python, C++, JavaScript, Swift, MatLab
**Technologies**: Object-oriented programming, HTML, CSS, Linux, X-Code
**Soft 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** <span style="float:right">Class of 2026</span>
*Computer Engineering candidate, BSc Coop*

## Work Experience

**YMCA** <span style="float:right">**May 2019 – Present**</span>
*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

## Relevant Projects

**Chess App** – Personal Project [[GitHub Repo](#)] <span style="float:right">**January 2022 – Present**</span>

- 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 played peer to peer with multi-peer connectivity
- Implementing a timer option which allows the user to have the ability to choose the timer duration; works like a chess timer.
- <u>Utilized:</u> Swift, X-code

**Random Photo App** – Personal Project [[GitHub Repo](#)] <span style="float:right">**January 2022**</span>

- Developed an IOS application using Swift and X-code that allows a user to generate a random photo from a URL
- <u>Utilized:</u> Swift, X-code

**Portfolio Website** – Personal Project [[GitHub Repo](#)] <span style="float:right">**December 2022**</span>

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

**Dog Classifier Website** – HackED Beta [[GitHub Repo](#)] <span style="float:right">**November 2022**</span>

- 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 multiple languages and source code from multiple engineers to achieve a cohesive website.
- <u>Utilized:</u> JavaScript, HTML, CSS, Python, and C#

## Leadership/Volunteer Experience

**Computer Engineering Club,** *PR representative* <span style="float:right">**September 2022 – Present**</span>

- 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* <span style="float:right">**December 2018 – June 2021**</span>

- 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