

## Delaram Bahreini Esfahani

(403) 383-3477 • Calgary, AB • delarambahreini@yahoo.com • LinkedIn: linkedin.com/in/delaram-bahreini/

### EDUCATION

#### Bachelor of Science, *Computer Science*

2021 - 2025

University of Calgary, Alberta

- **President's Admission Scholarship**, University of Calgary, Alberta (2021)
- Highlighted courses: Data Base Management Systems, Human Computer Interaction, Principles of Operating Systems

### EXPERIENCE

#### AI Research School 2024, University of Calgary

January 2024 – Present

- Participated in an AI research project, contributing to the advancement of knowledge in the field.
- Engaged with accomplished graduate students and postdocs from underrepresented groups, learning how they leverage AI in their research
- Received mentorship from both academia and industry researchers, fostering professional growth.
- Strategically planned and developed a robust application, showcasing proficiency in problem solving and application development.

Server - Moxies, Calgary, AB

May 2023 - Present

### LEADERSHIP EXPERIENCE

#### Mentor

September 2023 - Present

Code The Dream, Durham, NC, United States

- Quantified and assessed code, achieving 98% improvement in code quality and efficiency.
- Guided trainees towards effective solutions
- Conducted weekly 1:1 zoom sessions with mentees, fostering individual support.
- Tailored solutions to boost comprehension and proficiency.
- Provided constructive feedback on homework for continuous skill development.

#### VP Externa

October 2022 - Present

Competitive Programming Club, Calgary, AB

- Led external relations initiatives for the Competitive Programming Club, enhancing the club's visibility and partnerships.
- Organized and managed the Alberta Collegiate Programming Contest and the Calgary Collegiate Programming Contest.
- Collaborated with other executive team members to develop and execute strategies for club growth and success.
- Fostered relationships with external organizations, sponsors, and potential collaborators.
- Successfully increased club memberships by 50%.
- Arranged and participated in the Alberta Collegiate Programming Contest
- Arranged and participated in the Calgary Collegiate Programming Contest

### PROFILE/SUMMARY OF SKILLS/HIGHLIGHTS OF QUALIFICATIONS

Relevant skills:

Python, HTML, CSS, JavaScript, SQL, MySQL, C, C++, Java, Assembly, Haskell, Microsoft Office

Teamwork, Problem-Solving, Flexibility, Time Management, Leadership, Customer Service, Critical Thinking

### Projects

#### Gym Management Website (<https://github.com/max3p/gymDB.git>)

December 2023

Developed a comprehensive gym management website for gym staff to streamline daily operations and enhance member experience. The website uses SQL/MySQL database for efficient data management and retrieval.

- **Database Design (MySQL/SQL):** Designed a relational database schema using MySQL/SQL to store gym member details, machine inventory, staff information, and workout plans efficiently.
- **Frontend Development (HTML, CSS, JavaScript):** Developed a user friendly interface for adding/editing member profiles, managing gym machine history, and accessing workout plans.
- **Backend Development (JavaScript with Node.js):** Utilized JavaScript with Node.js for backend development, allowing for server-side scripting and handling of user requests. Implemented logic to process data, interact with the MySQL/SQL database, and generate dynamic content for the gym management website.