Fatema Bohra

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EDUCATION

Bachelor of Applied Computer Science, Dalhousie University

Sept 2022 - PRESENT

Finished 1st year at Dalhousie University, with a **GPA of 4.05**.

Skills learnt:

- *Web Design and Development.*
- Object-Oriented Programming (Oop) concepts and *Data Structure and Algorithms..*
- *Software Development.*
- Problem Solving skills in troubleshooting, debugging, and optimizing the performance.

CO-OP STATUS

- Completed 4 of 8 semesters as of Winter 2023
- Seeking a 4-month co-op term in Summer 2023

EXPERIENCE

Community Mentor, Dalhousie University, *Halifax, NS*

Sept 2023 - Present

- Creating a welcoming and inclusive environment for community members by serving as a bridge between newcomers and established members.
- Guiding students to community resources, planning and running collaborative events, and providing one-on-one mentoring to those facing both personal and professional difficulties.

Computer Science Part-Time Tutor, Sophia Sr. Sec. School, *India*

May 2021 - Dec 2021

I was a part-time tutor for 8th grade students after high school. I tutored them from home through Zoom and enhanced the learning environment for my students by providing constructive feedback to help them progress.

ACADEMIC PROJECTS

Elevator Safety Improvement UI (Solucore Inc.)**,** Introductory Project, *Dalhousie University*
Sept 2023 - Present

- Utilized Agile methodologies, including Scrum.
- Integrated Jira and Confluence to project management, track tasks, and document project progress.
- Learned a variety of programming languages like HTML, CSS, JS and REACT as well as RESTful API concepts.
- Designed and developed a user-friendly front-end interface.

LearnJava Website, Web Design & Development, *Dalhousie University*
Jan 2023 - April 2023

Created a website in my first year at Dal, which consists of the concepts of CSS Grid + CSS Layouts, DOM Manipulations and Javascript Object concepts, 2022.

PERSONAL PROJECTS

Face Detect-smartBrain, Zero to Mastery Academy, Udemy

May 2023 - June 2023

Skills learnt:
- **API Integration**: Gained experience in facilitating seamless communication between the frontend and backend through API calls
- **Database Management**: Developed skills in data storage and retrieval using a PostgreSQL database.
- **Full Stack Development**: Gained a holistic view of web application development, from the frontend user interface to the backend server and database
- **Version Control**: Utilized version control tools (e.g., Git) to manage code changes

Source code – https://github.com/FatemaBohra/smart-brain

RoboFrineds, Zero to Mastery Academy, *Udemy*
May 2023

Skills learnt:
- Npm + Npm script
- Git + GitHub + Open Source projects
- React.js + React Hooks
- Command Line + Developer Environment

Source code – https://github.com/FatemaBohra/robofriends-1

VOLUNTEER

Global Youth Leader, *Plastic Tides, Australia*

Plastic Tides, an organization working towards preserving ocean life.
- I have prepared presentations and ran educational campaigns at multiple schools in my vicinity.
- Created awareness among students about the detrimental effects of plastic and encouraged them to use recyclable substitutes.

Social Media Coordinator, *SankalpTaru Foundation, India*

SankalpTaru, an organization working towards preserving trees in India.
- Wrote three short stories on trees for kids of 6-12 years of age on environmental conservation, and sent them to the director of the NGO.
- An article on how tree plantation can help with the consequences of vehicular emissions.
- A short video which talks about the importance of tree plantation to combat the climate crisis.

AWARDS

Dean's List (2/4 semesters).
Women in Technology Society (WiTS) scholarship
Global Youth Leadership Award at Plastic Tides

SOFT SKILLS

Communication skill - Developed by working as a **Community Mentor** at Dalhousie University.
Leadership skill - Developed as a **Global Youth Leader** at Plastic Tides, a non-profit organization.
Teamwork skill - Developed as a **Junior Developer,** on Elevator Safety Improvement UI Project course.