Argho **Roy**

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Skills

Languages: Python, JavaScript/TypeScript, C, C++, Java, SQL, Bash, HTML/CSS
Frameworks: React, Kafka, Redux, Node.js, Express, MySQL, PostgreSQL, MongoDB, Selenium
Tools: Git, Docker, Jenkins, Scrum, Unix/Linux

Education

University of Alberta
Sep 2018 - Dec 2023
Computing Science Bsc Specialization

- **Awards:** Dean's Honor Roll (2018-2019), University of Alberta Undergraduate Scholarship(2019), International Student Scholarship (2018 - Present), etc
- **Key Courses:** Practical Programming Methodology, Databases, Operating Systems, Introduction to Software Engineering, Formal Systems and Logic, Algorithms and Data Structures

Experience

IBM
Markham, Canada
May 2021 - Aug 2022
Software Developer Intern

- Developed major react components for web applications using **React**, **Redux, Node.js**, **Express**, and **Carbon**
- Participated in and contributed to design and architectural discussions for web applications and components.
- Worked on and fixed high severity issues that needed immediate attention and response.
- Created **selenium** tests using the **Nighwatch** API.
- Used pytest to create an automated testing framework for a certain application.

University of Alberta
Edmonton, Canada
Jan 2021 - Apr 2021, Sep 2022 - Present
Teaching Assistant

- Performed duties as a teaching assistant for a senior level(300) computing science course, CMPUT 382: Introduction to GPU Programming.
- Assisted students with their lab assignments in their weekly 3 hour lab sessions as well as via email response.
- Was responsible for grading assignments of each student as well as addressing any concerns they had over their grading

Projects

Live Chat App
NodeJS, Express, Javascript, Socket.io, HTML, CSS

- Live text chat app created using socket.io and NodeJS
- Desktop and mobile friendly.
- Current version only supports communication via text and emoji. Future version will support voice communications.

Esenzio Website
Wordpress, CSS, Javascript

- My brother and his friends wanted to sell school hoodies for the winter, created a website for that.
- The site has a login system and users can track current orders, look at previous orders
- Users are allowed to like items to store in their favourites section.
- Feel free to check other features of the website at https://www.esenzio.com/