Abror Fayaz Imam Rafin

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EDUCATION

York University   Toronto, ON
Bachelor of Engineering in Software Engineering   *September 2020 – Present*
- **Relevant courses** | Android App Development with Java, Computer Organization, Computational Thinking through Mechatronics, Object Oriented Programming.

EXPERIENCE

Software Engineer Intern   May 2022 – August 2022
Radar.ac   *North York, ON*
- ∗ Worked as a front-end developer by creating new features for the app using **Flutter, Material-UI** and created templates for future iterations of the app using **Figma**.
- ∗ Fixed bugs and issues in the front-end component such as improving conversations, styling issues to improve app functionality.
- ∗ Built an unmatch and block feature for the app using Dart and used **AWS Cognito, AWS Localstack** and managed user database using **GoLand** and **PostgreSQL.**

President   September 2021 – Present
Computing Students Hub   *Toronto, ON*
- ∗ Led a team of executives to organize events and initiatives that fostered community and professional development among members who have a passion in the field of computer science.
- ∗ Collaborated with industry professionals and academia to bring innovative speakers and hosted workshops about **Machine Learning**, **React.js**, **Git**, **Bash**, **Leetcode**, **Discord-Bots** and **Figma**

Web Developer Intern   June 2019 – August 2019
BrandEQ   *Toronto, ON*
- ∗ Developed user-oriented visuals and features using front-end languages, including **HTML, CSS** and **Javascript**, to increase site traffic.
- ∗ Took concepts and produced mockups and prototypes using **Figma** to strengthen designs, enhance user experiences and improve site interactions
- ∗ Collaborated with in-house web designers to create sleek and innovative UI design.

PROJECTS

CampUsMeet | *React, Express.js, Node.js, Tailwindcss*   February – 2022
- ∗ Won **"Education Pacifia Award"** at TuffyHacks by creating a React Web Calendar for students on campus.
- ∗ Designed the front-end with **React** and **Tailwindcss** to create a calendar for students to add their availability based on the time and day of the week they are available.
- ∗ Used **JavaScript** to implement a feature where people's availability date and time are visible to others in order for students to organize meetings more conveniently.
- ∗ Created the back-end component using **Express.js** and **Node.js** in order to save the user's availability.

Automatic Plant Watering Robot | *Java, Arduino*   December – 2021
- ∗ Designed an automatic plant watering robot using **Java** and **Arduino UNO Groove Board** that automatically waters plants based on soil moisture value where it gathers soil moisture data in order to detect soil wetness/dryness using a soil moisture sensor
- ∗ Optimized the robot by implementing an alarm system for the water supply to alert users when the water supply runs low for them to be able to refill the water-tank.

TECHNICAL SKILLS

Languages: Java, Flutter, Python, JavaScript, HTML/CSS.
Libraries and Frameworks: React, Flask, JUnit, Tailwindcss, MaterialUI, discord.py, NumPy.
Developer Tools: Git, Figma, MATLAB, Docker, AWS Cognito, AWS Localstack, PostgreSQL