Ekagra Luthra

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SUMMARY OF QUALIFICATIONS

- **Experienced programmer** with technical experience in Java, Python, HTML, Javascript, AWS, SQL, and Agile.
- **Strong leadership and interpersonal skills** built through the attendance of hackathons and collaborative projects.

Projects

Teacher's Portal (Python, Django, React, MongoDB, AWS, GraphQL)   **Click to view**

- Developed a full-stack web application using **Django** serving a **GraphQL** API with **React** as the frontend.
- Collaborated in a team of 5 for the company Hypatia, using their Check-Math API.
- Created dashboard components with **React** and **Sass** and Displayed statistics on the front-end using the **React** library Victory.

When2Interview (Python)   **Click to view**

- Worked alongside two other developers to create a **web-scraping** tool for assigning interview times.
- Scraped when2meet.com using **Selenium** to collect data
- Implemented a maximal bipartite matching algorithm and **OOP** to organize data

CSSU Website (React, AWS)   **Click to view**

- Collaborated with other programmers to design and create the cssu.ca website using **React Gatsby**

Web Monitor (Python)   **Click to view**

- A web scraping program that checks various websites for availability of certain products using the **Selenium** library
- Used **SMTP** and **SSL** to send emails as a means of notifying the user

Education

University of Toronto   **September 2019 – April 2023**

Bachelor of Science
Specialist in Computer Science, Major in Mathematics

Technology Leadership Initiative   **September 2020 – April 2021**
Selected for a program which introduces computer science students to industry work, aimed at high achieving computer science students.

Extracurriculars

Computer Science Student Union   **April 2020 – Current**

Director of Social Events

- Planned social events for the 2020-2021 school year
- Used **Agile** methodologies on **Jira** to track planning progress of each event

Engineers Without Borders   **January 2020 – April 2020**

Mentor

- Mentored a group of high school students to prepare them for university
- Directed students making an informative video on mental health in schools