

Aaryaman Rattan

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[linkedin/aaryaman-rattan-18160521b/](https://www.linkedin.com/in/aaryaman-rattan-18160521b/) | [github/https://github.com/Aaryaman2001](https://github.com/Aaryaman2001) | [Portfolio Website](#)

SKILLS AND HOBBIES:

Languages: Java, Python, HTML, CSS, JavaScript, Kotlin, Lisp, JQuery, SVG, Perl, PHP, Ruby, XML.

Frameworks and Technologies: React, SQL, Git/GitHub, Android Studio, Apache Server Management, CGI, Django

Miscellaneous: TMU Competitive Coding Club, Guitar, Music Production, Painting, Philosophy.

WORK EXPERIENCE

DIRECTION OF OPERATIONS | IEEE, RYERSON

Downtown, Toronto | October 2022- present

- Director: Operations at the Institute of Electrical and Electronics Engineers, the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity.
- Organize events, build networking units and act as a bridge between various sub branches under the main branch(EMBS, CSRC, REC, CIC).

WEB DEVELOPER | YORK UNIVERSITY

North York | July 2022-September 2022

- Lead a team of 7 developers into making and maintaining the main website for one of the biggest York University Accredited Clubs using parts of the MERN technology.
- Organized and assembled components using Git and encouraged team building and compassion through various seminars and group meetings.

RESEARCH ASSOCIATE | INSTITUTE FOR SOCIAL RESEARCH

North York | June 2022 – September 2022

- Part of the largest university-based research centre in Canada which undertakes surveys for research projects.
- Conducted interviews under deadlines and targets through CADI to complete surveys for the local public health units and Public Health Ontario.

PROJECTS

FRONT-END PORTFOLIO WEBSITE:

REACT, HTML, CSS, JAVASCRIPT

- Built a front-end portfolio website using React, CSS, HTML and JavaScript from scratch.
- Included several React hooks like useContext,useState,useInView and useEffect along with 'Emailjs' to create mail form and other functionalities.
- Designed and created responsive components including full access navigation,media queries and toggle colour theme. Backup link: <https://aaryaman2001.github.io/portfolio/>

SOCIAL MEDIA APPLICATION:

PYTHON, DJANGO, HTML, CSS, SQLITE3

- Django was used as the back-end to create a social media application that enables users to join up, log in, add a bio, publish, follow or unfollow, and like photographs from other logged in users.
- Designed an integrated database using SQLite3 that leveraged the Django framework to yield on-demand and detailed feedback, whilst also storing all the users and their uploaded content.

TEXT EXTRACTOR FROM IMAGES:

ANDROID STUDIO, FIREBASE, JAVA

- Created a mobile application that allows the user to click or select an image from external storage; crop it(Crop Image dependency), and then display the text extracted from that image using the Firebase ML library, with an option to copy the extracted text to the clipboard.

EDUCATION

Toronto Metropolitan University(formerly Ryerson)

Toronto, ON | Sept 2021

COMPUTER SCIENCE(B.SC HONS)/PHILOSOPHY

GPA: 3.7/4.33 (Dean's List)

Courses: OOPs(Java), Python, Web Systems Development, Data Structures, Linux, C and C++, Computer Organizations (1,2),Linear Algebra,Calculus, Probability and Statistics