

# Simran Biswas

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## EDUCATION

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### FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING, Mumbai University

Bachelor in Computer Engineering | CGPA: **9.81**

Expected 2022

## WORK EXPERIENCE

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### CANTILEVER LABS

Software Development Intern

Nov 2021 – Jan 2022

- Worked with the backend team and designed the test cases for programs which are a part of the coursework of the Cantilever Labs Compiler.
- Test cases were designed in Java, C++ and Python and were reformed & updated on MongoDB Compass.

### THE SPARKS FOUNDATION

Web Development Intern

Feb 2021 – March 2021

- Developed and designed the **donation webpage** using JavaScript, jQuery, HTML, CSS and integrated RazorPay API as a third-party payment gateway which increased the capacity of number of concurrent transactions taking place by 30%.

### CPPSECRETS.COM

Software Developer Intern

Jul 2020 – Sep 2020

- Researched on python libraries and APIs such as Django Rest Framework, JWT authentication & HTML5lib.
- Articulated the summarization of the research and published them for the company's virtual handbook which have garnered over **6700+** views and counting.

## PROJECTS

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### COVIBLOG

<https://coviblog-by-mercury.netlify.app/>

MERN stack + GraphQL, web scraping

- Microblogging site where users can post about latest COVID updates, SOS alerts for oxygen and beds & interact with other users via posts by liking and commenting on them.
- In the Covid Live section, number of total cases, new deceased/recovered patients from each state of India is displayed.

### PLAGCHECKER – Plagiarism Checker for Assignments

<https://github.com/simranbiswas/plagchecker/>

Machine Learning - NLP, Python, web scraping

- A portal which checks the percentage of plagiarized content in a document and thus encourage students to take genuine efforts to complete their coursework.
- User gives a pdf as input and the output displayed is percentage of plagiarized content along with the highlighted text over the actual input document.

### TEXTTRACT

<https://textract-app.herokuapp.com/>

Deep Learning, AWS, OCR, Flask, Flutter

- A software which extracts text from images and PDFs and presents it to the user in an editable form to reduce human typographical error & also save time & labor.

View all projects here: <https://simranbiswas.github.io/#portfolio>

## ACHIEVEMENTS & ACTIVITIES

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- CodeChef June long Challenge 2021, **Global Rank 88**, Rating **1620**. [<https://www.codechef.com/users/simranbiswas>]
- HackerRank **5-star** in Problem-solving, C++, Java & Python category. [<https://www.hackerrank.com/simranbiswas>]
- Finalist at **e-Yantra Robotics Hackathon** by IIT-Bombay all over India out of 8000 teams.
- **Project Cell Member** at Fr.CRCE where I worked on automation of robots & logically programmed their functionality.

## SKILLS

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**Languages:** Java, C++, Python

**Frontend:** ReactJS, HTML5, CSS3, Bootstrap

**Backend:** NodeJS, Django, Flask, Spring Boot

**Databases:** MySQL, MongoDB

**Libraries:** TensorFlow, OpenCV, NumPy