

# ROHAN CHAKRABORTY

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## Education

<b>Jadavpur University</b> <i>Master of Computer Applications</i>	<b>2024 – 2026</b> <i>Kolkata</i>
<b>Bangabasi College, University of Calcutta</b> <i>Bachelor of Science in Computer Science</i>	<b>2021 – 2024</b> <i>Kolkata</i>
<b>Halisahar High School, WBCHSE</b> <i>Higher Secondary</i>	<b>2019 – 2021</b> <i>Halisahar</i>

## Relevant Coursework

- Data Structures
- Software Engineering
- Computer Architecture
- Operating Systems
- Computer Networking
- Database Management Systems
- Object Oriented Programming
- Design and Analysis of Algorithms

## Projects

<b>Learning to Identify DeepFake Images</b>   <i>Python, Flask</i>   <a href="#">Click Here</a>	<b>March 2024</b>
<ul style="list-style-type: none"><li>• Develop an accurate and interpretable DeepFake Image Detection framework. By leveraging error level analysis, deep feature extraction and classification with convolutional neural networks (CNNs)</li><li>• A large, diverse dataset of more than 80,000 deepfake images and their corresponding real counterparts are used to train, test and evaluation of the model.</li><li>• Employed error level analysis technique to identify inconsistencies in image manipulation and achieved an accuracy of 99.98 percent and recall of 96.84 percent.</li><li>• Utilized frameworks such as TensorFlow for model development, and used various python libraries in the whole computations line Numpy, Pandas etc.</li></ul>	

## Technical Skills

**Programming Languages:** Python, Java, C, JavaScript

**Web Development:** HTML, CSS

**Developer Tools:** VS Code, Eclipse, Github

**Technologies/Frameworks:** Flask, BootStrap, Linux, GitHub

## Awards and Achievements

- Solved more than 450 coding problems..
- Completed more than 200 coding challenges on Leetcode.
- Solved more than 160 coding problems on GeeksforGeeks.
- Secured General Merit Rank 17 in WBJECA 2024

## Competitions and Collaborations

- Finalists of DoubleSlash 3.0, a 24 hours Hackathon, Organised by IEEE Jadavpur University Student Branch.
- Secured Second Runner-Up position in CodeCrafter, a coding competition, part of IgniteX 1.0, organised by IMI Kolkata.
- Secured 3rd position in The Turing Show, part of the annual Tech-Fest Perceptron 2025, organised by Ramakrishna Mission Vivekananda Educational and Research Institute.
- Secured 1st position in EUREKA - Mystery Solving Competition 2023, Organised by Ramakrishna Mission Vivekananda Centenary College, Rahara, Kolkata.