

# Dwaipayan Ray

Student Developer



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<https://raydwaipayan.github.io/portfolio>

raydwaipayan

## Experience

### Software Developer Intern

Banbreach

since March 2020

- Developed websites based on Node.js and Nuxt.js.
- Developed a new payment platform for company services.
- Maintained docker containers for homegrown services deployment and testing.
- Configured and maintained a video conferencing service based on bigbluebutton.

## Projects

### Pass Zero

Qt5

Pass Zero is a secure lightweight password manager written in C++ Qt5. It uses argon2 for password hashing and AES-256-cbc for encryption.

### Portfolio Website

Nuxt.js

My personal portfolio website which uses Nuxt.js static sites. It features an additional blog capability through a markdown loader.

### Face recognition testing application

GTKmm 3.0, OpenCV

This desktop application was built to test three simple face recognition algorithms - Eigen Face, Fisher face and Lbph, and analyze their performance.

### Gproxy

GTK 3.0

Gproxy is a linux desktop application for adding or removing system proxy variables. Written in C GTK and Bash.

## Achievements

### ACM ICPC 2019 Regionalist

December 2019

Regionalist at the ACM ICPC Asia Kanpur Onsite Round.

### TCS Codevita Season 8 Finalist

February 2020

Finalist at the Algorithmic programming competition Codevita held by TCS.

### Programming events in college

- Winner at the algorithmic programming event conducted by Department of Electrical Engineering, IEST.
- Second runner up at another algorithmic programming event conducted by Department of CST.
- First runner up at access denied, a jeopardy CTF style competition organized in IEST.

## Education

### IEST, Shibpur

B.Tech. in Computer Science

July 2018- July 2022

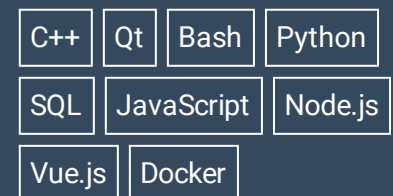
CGPA upto 4th Sem - 9.63

### Mary Immaculate School, Berhampore

ISC

March 2018

## Skills



## Mentorship

Mentor for Competitive Programming and Computer Security at CodeIEST, the programming club of IEST, Shibpur

## Hobbies

Armed with a passion for playing the piano.