

# Shuvayan Ghosh Dastidar

Github Repo : thesyncoder

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## EDUCATION

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- **Jadavpur University** Kolkata ,India  
*Bachelor of Engineering , Computer Science and Engineering; Current SGPA : 8.7* *Aug. 2018 – Present*
- **Hariyana Vidya Mandir** Kolkata, India  
*10+2 ; Percentage : 91%* *2017*

## EXPERIENCE

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- **SRIJAN , Jadavpur University** Kolkata, India  
*App Developer , Team Size : 6* *Sept 2019 - Nov 2019*
  - **Role:** Was responsible for developing the UI using flutter and handled backend services using firebase,for Srijan,the annual techno-management fest of Jadavpur University.
- **Jadavpur University** Kolkata, India  
*Research Intern* *Nov 2019 - Jan 2019*
  - **Role:** Implemented deep learning models using Pytorch for image segmentation and trained Tesseract from scratch for scene text recognition
- **Indian Institute of Technology Bombay** Bombay, India  
*Research Intern , Team Size : 3* *April 2020 - June 2020*
  - **Role:** Was responsible for implementing adversarial models to classify covid 19 affected XRAYs and non-affected samples using deep domain adaptation, and distilling knowledge of large models trained on chest-xray datasets.
- **My Ways** Delhi, India  
*Analytics Intern* *July 2020 - August 2020*
  - **Role:** Was responsible for making analytics and insights on user data, made a clickstream api for the same and designed database schemas, and used Amazon Cloudwatch to monitor server performances.

## PROJECTS

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- **JuJudge :** *Team Size :2*  
A web application to handle all the assignments provided in JU providing an auto-graded approach . The tech stack used is React, for the frontend , and Django , for the backend .
- **Design of a assembler:**  
An implementation of a 2 pass assembler written in C with tries for fast in-memory opcode fetch along with the implementation of a loader that can assemble x86 assembly code into machine level executable file ready for execution.
- **Micro:**  
A react web-app to get all microprocessor 8085 opcodes and a feature to quick search the opcodes, to be used everyday by people doing microprocessor lab, making their tasks efficient.
- **EcoEden:**  
Was responsible for making the frontend of the ecoeden app using flutter which had a django backend, and was responsible for making a trash detecting deeplearning model for the same. This app made our team to win SIH 2020.

## PROGRAMMING SKILLS

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- **Languages:** Python, Java, C, JavaScript
- **Technologies:** ReactJs, Django , Selenium,Flutter,Fastapi

## ACHIEVEMENTS

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- : 4-star coder on Codechef , Intermediate Problem Solver on Hackerrank
- : Achieved a rank of 121 in WBJEE 2018 with a percentile of 99.9
- : Achieved a rank of 3759 in JEE-Main 2018 with a percentile of 99.6
- : Qualified JEE-Advanced with a rank of 4556 among 2 Lakh aspirants.
- : Winner of Smart India Hackathon among 10000 other teams across India.