

Shounak Ghosh

(+91) 9804162643

ghosh.shounak1403@gmail.com

<https://github.com/sghosh1810>

Python, Java
Kolkata, West Bengal, India

Education

- **B.Tech. in Computer Science and Engineering, to be graduated in May 2020**, from University of Engineering & Management, Kolkata. Current CGPA: 8.91/10
Main Course Work: Data Structures, Design and analysis of Algorithms, Computer Architecture, Artificial Intelligence, Database Systems, Operating Systems, Software Engineering.
- Passed **Higher Secondary Examination** in May 2016 with 74.5% marks, from St. Lawrence High School under WBCHSE board. Major subjects: Physics, Chemistry, Mathematics.
- Passed **Secondary Examination** in Apr 2014 with 91.00% marks, from St. Lawrence High School under WBBSE board.

Projects

- Build the software for **Smart Refrigerator**, that detects and classifies fruits and vegetables, using Tensorflow and OpenCV. Build a supporting **ChatBot** using Google DialogFlow and Firebase . Also implemented a **webapp** to show user data/inventory and **recipe recommendation** using rapid api.
- Built a Video Chat application using WebRTC and Nodejs. Implemented Signalling and WS servers
- Sentient Analysis of Live twitter data using Custom Voting Model and nltk library.

Internship

Backend Developer, Crio.Do

31 Jan 2020 - 10 Apr 2020

- Developed the backend of a visual stock portfolio analyzer. It helps portfolio managers make trade recommendations for their clients.
 - Implemented the core logic of the portfolio manager and published it as a Module/Library.
 - Refactored code to add support for multiple stock quote services.
 - Improved application stability and performance.
 - Skills Learned: **Java, REST API, Jackson XML, Interfaces, Code Refactoring, Gradle.**

Awards and Achievements

- Obtained **98%** at Microsoft Technology Associate (Python Exam 98-381)
- Certificate & Scholarship for Academic Performance from my University.
- Infosys certified software programmer with **78% score**.
- Certificate on Machine Learning from **Coursera** .
- Highest rating 1700 at [Codechef](#)

Leadership

- Worked as the **team leader** in final year project, managed 5 peoples.
- Organised 3-day Workshop/Competitions hosted by TechKriti and in association with IIT Kanpur.