

Academics

2017-2022	<i>B.Tech + M.Tech (Dual Degree) in Computer Science and Engineering, IIT Kharagpur</i>
GPA	9.06/10.0 (Currently Pursuing)
2017	<i>Higher Secondary School Certificate Examination, CBSE</i>
GPA	91%

Technical Skills

Programming Languages	C C++ JavaScript Go Python
Libraries / Frameworks	Node.js OpenCV Numpy Pandas Scipy CoffeeScript
Databases	SQLite MongoDB PostgreSQL
Systems / Platforms	Git Docker Linux Bash Heroku Microsoft Azure
Web / Servers	HTML CSS jQuery Flask Jekyll WSGI-gunicorn nginx GraphQL
Others	Unity Game Engine (Boo Script) Latex SolidWorks MATLAB

Experience

May 18	Student Developer: Project Nephos	CCEXtractor, Google Summer Of Code 2018
Aug 18	<ul style="list-style-type: none">- A client to automate the process of recording, processing and uploading IPTV streams for Universities under Red-Hen Labs, project closely supported by University Of Navarra, Spain.- Learned extensive error handling, database management, remote server operations, FTP handling in Python, scheduling of jobs and maintaining elaborate logs to ease debugging.	

Projects

- **DigiCon, OpenSoft 2018 IIT Kharagpur**
Gold winning entry (out of 13 entries) to the Inter Hall Opensoft, IIT Kharagpur. The project intelligently parses different parts of a doctor's prescription (written by hand) and is an amalgamation of multiple technologies such as OpenCV, Flask, Natural Language Processing, REST API, bash scripting and Docker.
- **Messiah, Microsoft CodeFunDo++ 2018**
A service that predicts the magnitude of Earthquake using Tensorflow. Had the opportunity to learn optimization of web services; backend and frontend, reducing loading time by 2.5x.
- **Games Using PyGame And Python**
Worked on two projects; AirHockey and BrkOut. Learned basic mechanisms of physics programming and graphic development along with introduction to cryptography.
- **Salvator: Automated Task of Birthday Wishing**
Salvator is one of the many task-automation bots I've created; sends birthday wishes. Other notable tasks accomplished via automation include Google form filling, Facebook group auto-posting, twitter quotes' bot and many more.

Activities & Leadership

- **OpenSource Program Mentor:** Mentored high school students for Google CodeIn 2018 under CCEXtractor and had the privilege of being a top mentor for GirlScript Summer of Code 2018; responsible for building GirlScript's website.
- **OpenSource Event Organizer:** Successfully conducted GirlScript Summer of Code 2019 and Kharagpur Winter of Code 2018; responsible for the development, deployment and maintenance of the website (full-stack).
- **Maintainer, MetaKGP IIT Kharagpur:** Responsible for fostering participation, promoting the growth of the group and maintaining the following open-source projects: eva, mftp, chillzone and ERP Auto Login.
- **Secretary, CodeClub IIT Kharagpur:** Developed and managed website for Bitwise 2018 and up.AI 2018, West Bengal's largest Artificial Intelligence and Machine-Learning summit.

Scholastic Achievements

- **IITJEE Advanced AIR 286:** Under top 0.15% amongst more than 2,00,000 students
- **IITJEE Mains AIR 2285:** In top 0.2% amongst more than 11,00,000 students.
- **National Olympiads:** KVPY SA AIR , KVPY SX Scholar, Indian National Physics Olympiad Stage II, Indian National Astronomy Olympiad Stage II, Indian National Chemistry Olympiad Stage II.

Relevant Coursework

Completed	Programming And Data Structures (T/L)
Currently Studying	Algorithms I (T/L) Discrete Structures (T)

(T)heory and (L)aboratory