

## Academics

<b>2017-2022</b>	<i>B.Tech + M.Tech (Dual Degree) in Computer Science and Engineering, IIT Kharagpur</i>
GPA	<b>9.06/10.0</b> (Currently Pursuing)
<b>2017</b>	<i>Higher Secondary School Certificate Examination, CBSE</i>
GPA	<b>91%</b>
<b>2017</b>	<i>Secondary School Certificate Examination, CBSE</i>
GPA	<b>10/10</b>

## Technical Skills

<b>Programming Languages</b>	C   C++   JavaScript   LISP   Python   Ruby
<b>Libraries / Frameworks</b>	Node.js   OpenCV   Flask   Jekyll   Numpy   Pandas   Scipy
<b>Databases</b>	SQLite   MongoDB
<b>Systems / Platforms</b>	Git   Docker   Linux   Bash
<b>Markup / Templating</b>	HTML   CSS
<b>Others</b>	GameMaker   Unity Game Engine (Boo Script)   Latex   SolidWorks

## Work Experience

<b>May 18</b>	<b>Student Developer: Project Nephos</b>	<b>CCEXtractor, Google Summer Of Code 2018</b>
<b>Aug 18</b>	<ul style="list-style-type: none"><li>- Created an automation software for Universities under Redhen organization, project closely supported by University Of Navarra, Spain.</li><li>- Record streams from given channel IP addresses, run preprocessing including extracting subtitles and video compression, and upload to cloud.</li><li>- Managed databases and achieved complete automation, including error handling and notifying system administrator of critical events.</li></ul>	

## 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) using multiple technologies such as OpenCV, Flask, Natural Language Processing, REST API, bash scripting and Docker.
- **Games Using PyGame And Python**  
Worked on two projects; AirHockey and BrkOut. AirHockey was developer under Kharagpur Winter of Code program. BrkOut was an independent project that blends the elements of prison breaking with the famous Atari title, Break Out.
- **Salvator: Automated Task of Birthday Wishing**  
Salvator is a bot which uses puppeteer to scrape the list of birthdays from Facebook and sends them a personal message. It also sends the user an email notification with the list of birthdays and their profile link.

## Technical Interests

Cloud Computing, Bot Creation And Task Automation, Cryptography, Game Development, Machine Learning, Big Data

## 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.
- **RMSEE AIR 56:** Ex-Georgian, Student of Rashtriya Military School Chail, Himanchal Pradesh, India.

## Activities & Leadership

- **Mentored in GirlScript Summer of Code:** Mentored students to build GirlScript's website; required creating issues to foster streamlined development, and guiding students to complete them.
- **Founder, CodeStash IIT Kharagpur:** The community aims at welcoming freshers and inculcating a zeal for programming in them.
- **Member, MetaKGP IIT Kharagpur:** Responsible for fostering participation and maintaining the following projects: eva, mftp, chillzone and ERP Auto Login.