

## 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>

## Technical Skills

<b>Programming Languages</b>	C   C++   JavaScript   Go   Python
<b>Libraries / Frameworks</b>	Node.js   OpenCV   Flask   Jekyll   Numpy   Pandas   Scipy   CoffeeScript
<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   MATLAB

## 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>- An automation client to record, process and upload IPTV streams for Universities under RedHen Labs, project closely supported by University Of Navarra, Spain.</li><li>- Learned extensive error handling, database management, remote server operations, FTP handling in Python, scheduling of jobs and maintaining elaborate logs to ease debugging.</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) and is an amalgamation of 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. Learned basic mechanisms of physics programming and graphic development along with introduction to cryptography.
- **Salvator: Automated Task of Birthday Wishing**  
Salvator is a bot which uses puppeteer (headless Chrome JS API) 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, Linux

## Activities & Leadership

- **Google CodeIn 2018 Mentor:** Mentor under CCEXtractor; responsible for creating tasks based on previous Google Summer Of Code projects and CCEXtractor repository, assigning tasks to participants and helping them through the way to completion of the tasks.
- **Mentored in GirlScript Summer of Code:** Mentored students to build GirlScript's website; responsible for creating issues to foster streamlined development, and guiding students to complete them. Received the accolade of being in the top 10 mentors of the program.
- **Founder, CodeStash IIT Kharagpur:** Created a community in my freshmen year to promote competitive coding and increase awareness about various fields of computer science (inspiration from code.org).
- **Active Member, MetaKGP IIT Kharagpur:** Responsible for fostering participation, promoting the growth of the open group and maintaining the following projects: eva, mftp, chillzone and ERP Auto Login.

## 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.