Devansh Mishra

 CircleJerkHug
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RP Hall of Residence, IIT Kharagpur West
Bengal, India - 721302

 devansh.prakhar@gmail.com
 +91-7317485661

Academics

2017-2022	*M. Sc (Integrated)* in **Mathematics and Computing, IIT Kharagpur**
GPA	**x.xx**/10.0 (Ongoing)
2017	*Indian School Certificate Examinations*, **ISC**
Percentage	**84.18%**
2015	*Indian Certificate of Secondary Examination*, **ICSE**
Percentage	**88.18%**

Projects

- **Genetic Algorithm Project**
  Worked on a project based on Genetic Algorithm under Prof. Nirupam Chakraborty which aims on evolving space direction maps for maze path-finding.

- **Pygraph**
  Worked on a project on Object Oriented System Design under Prof. Bodhayan Roy in which we have to visualize the working of graphs on GUI, also we implemented bunch of NP-Complete problems and a NP-Hard problem of Maximum Matching on the graphs. Moreover, we made UML diagrams for the programs to make the code user friendly.

- **Artemis-Arrow**, **KWOC-2018**
  Worked under mentor Koussik Raj KWOC-2018 The project aims at Web Crawling and Web Scraping.A Web App that downloads songs, books and any form of entertainment. It also provides an option to upload the downloaded content to Google Drive. Implemented the part where the program scrapes all the useful information available at "myanime.net" and saves it in JSON file.

- **Anime-Downloader**
  Independent web-crawler,web-scraper project made in python using Selenium, Beautiful-Soup and Gecko-driver. It prompts the user to input the name, then searches for the anime on web. On finding it returns the result to choose form. On the basis of user's choice an episode list is returned for user to choose form. Finally, based on user input it downloads the anime prompting the user in-between to select one of the available resolutions.

Technical Skills

Languages	Python, C++, Java, R, Haskell
Libraries / Frameworks	Selenium, Networkx, Beautiful-Soup, PyQt5
Systems / Platforms	Linux, Windows, GitHub, Kaggle

Relevant Coursework

(T)heory and (L)aboratory

Completed	Programming And Data Structures (T/L)	Design and Analysis of Algorithms (T/L)	Discrete Mathematics (T)	Probability And Statistics (T) Computer Organization And Architecture (T)	Linear Algebra (T)

Technical Interests

Machine Learning, Deep Learning, Data Analysis, Algorithms

Scholastic Achievements

- **JEE Advanced**: JEE Advanced-Among top 1 percent among 2,00,000 students

- **JEE Mains**: JEE Main-Among top 1 percent of more then 11,00,000 students

- 2 Gold Medals in IMO(SOF). 1 Silver and 2 Bronze medals in Athletics meet at Inter-School Competitions.