

# Ranabir Basu

Second Year Undergraduate, IIT Kharagpur

Department of Mining Engineering

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## Academic Qualifications

Year	Degree/Certificate	Institute	CGPA/%
2019 - Present	Dual degree B.Tech in Mining Engineering M.Tech in Financial Engineering	Indian Institute of Technology, Kharagpur	8.72/10
2018	Class XII (WBCHSE)	Ramakrishna Mission Vidyalaya Narendrapur	90%
2016	Class X (WBBSE)	Ramakrishna Mission Vidyalaya Narendrapur	92.14%

## Scholastic Achievements

- Won the Space Quiz Competition conducted by **ISRO** and went to a fully-funded educational tour to **Space Applications Centre-Indian Space Research Organisation, Ahmedabad** in 2018.
- Among **top 1%** in **NSEA** 2017, and qualified for **INAO** conducted by Indian Association of Physics Teachers in 2017

## Competitive Programming

- **CodeChef**[handle: **aruabbas\_miran**]: Max Rating **1858(4\*)**, with intermittent participation in contests

## Technical Skills

**Programming:** C, C++

**Development:** Javascript, Bootstrap, HTML, CSS

**Software & Libraries:** Pandas, Numpy, Matplotlib, SolidWorks, Adobe Photoshop, Adobe Illustrator

## Relevant Coursework

Programming and Data Structures (A)

Economics (A)

Probability & Statistics (A)

Corporate Finance & Financial Accounting (A)

Artificial Intelligence : Foundations & Applications (A)

Bloomberg Market Concepts (Bloomberg)

HTML, CSS, and Javascript for Web Developers (Coursera)

RESTful API with HTTP and JavaScript (Coursera)

A - *Respective grade in brackets*

## Positions of Responsibility

**Student Member, International Relations Cell, IIT Kharagpur**

*Sep'20 - May'21*

- Worked alongside a team of 18 members directly under **Professor Baidurya Bhattacharya, Dean of International Relations, IIT Kharagpur**
- Engaged progressively towards achieving many initiatives like the Foreign Training Program (FTP), Semester Exchange Program (SEP), Hult Prize etc
- Efficaciously regulated and anchored a **panel discussion on MS/PhD application process** abroad with 6 panelists, witnessing a live audience of over 120 students, and garnering over 1.8k views

**Junior Associate, International Relations Cell, IIT Kharagpur**

*Feb'20 - Aug'20*

- Engaged progressively towards achieving many initiatives like the Foreign Training Program (FTP), Semester Exchange Program (SEP), etc.

## Extra-Curricular & Academic Activities

**Goldman Sachs Engineering Virtual Experience Program Participant (May 2021)**

*3 hours*

Participated in the open access Goldman Sachs Engineering Virtual Experience Program with Forage.

Tasks completed include-

- Cracking a leaked password database using Hashcat
- Suggesting necessary changes in the password policy