

Rahul Sahu

Phone - 8770919516; email - rahulsahu2022m@gmail.com

EDUCATION

B.Tech in Biochemical and Biotechnology, **IIT Delhi. (2022)**

EXAMS

- Qualified **UPSC CSE Prelims 2022** (First Attempt)
- Qualified **UPSC CDS - Airforce 2022**.

TECHNICAL SKILLS

- Data Structures and algorithm
- Languages: Python, C, C++
- Design: Autodesk Inventor
- Familiar: Pages, Numbers, Microsoft Office, Word, Excel etc.
- Algorithmic Toolbox (Coursera)

INTERNSHIP

Innovate4Defence (Ministry of Defence), Dimension NXG (1st June, 2020 - 1st August, 2020)

Analysis of Algorithms and Data Structures for Sorting and Computer vision: Got a chance to work on project "AjnaBolt", a military-grade AI-powered Augmented Reality glasses with 60° FOV. - There was a need of Analysis of Algorithms and Data Structures for Sorting and Computer vision. I investigated about the problems and the requirements of algorithms and applied some methods of Data structures.

PROJECTS

Neural Signal Processing (November, 2019 February, 2020)

Worked on processing neural signals from one human and effectively transmitting them to another. The project focused at replicating basic human functions such as movement of hands using electrical pads & amplifier, primarily to help disabled people by enabling them perform motor functions.

Autonomous Robot (May, 2019 - July, 2019):

Made an autonomous line following robot which works according to instructions given via code, on Arduino.

Analog to digital converter (September, 2018- November, 2018)

POSITIONS OF RESPONSIBILITY

- Weightlifting Vice-Captain (May, 2019 - April, 2020)
- Tryst'19 Team Head (Marketing)
- Activity Head, Rendezvous (2019): Led the team of 12 Team Heads in Organising Team Of Asia's one of the largest cultural fest Rendezvous.
- Jwalamukhi Mess Committee Member (January, 2021 - March, 2021)
- First, Cricket Inter Hostel (January, 2019).
- Rendezvous'18 Team Head (Infrastructure)