

ABHAY CHARAN

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OBJECTIVE

To apply and expand my knowledge and skill set in a demanding environment which allows me to enhance and develop my all-round skills and abilities.

EDUCATION

Jamia Millia Islamia	<i>2015 - 2019(expected)</i>
B.Tech (Computer Engineering)	Overall CPI: 7.79/10 (Upto 6th Sem)
Kendriya Vidyalaya Janak Puri	<i>2014 and 2012</i>
12th and 10th	87.4% and 9.4/10

TECHNICAL SKILLS

Computer Languages	C/C++, Python, Java, MATLAB, Shell Scripting(Bash)
Industry Skills	• Machine Learning • Deep Learning • Web Development • Robotics • Basics of Ethical Hacking and Pentesting
Other Skills	• EEG • fMRI • Basics of Cognitive Sciences and Brain Psychology • LaTeX • ROS
Relevant Courses	• Data Structures and Algorithms • DBMS • Networking • Cryptography • Operating System • System Software

ACHIEVEMENTS

- 3rd position holder (National) in E-yantra Robotics Competition(IIT BOMBAY) in Autonomous Chaser Drone theme.
- Participated in Smart India Hackathon 2018 Grand Finale in project of Ship Trajectory's Anomaly Detection as Team Leader.
- Silver medal in International Mathematics Olympiad by Amity University.

EXPERIENCE AND PROJECTS

Institute of Nuclear Medicine & Allied Sciences, DRDO <i>Intern</i>	June 2018 - July 2018
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- **Worked on evaluation of different Machine Learning models for EEG Microstates Estimation.**
- Learned about fMRI,EEG,simultaneous EEG-fMRI and their processing.
- Made automated scripts for EEG processing through standard tools.
- Helped other trainees in their projects related to Deep Learning.
- Working on drafting a paper on a different approach to EEG microstates estimation.

Cortex Logic(South African Startup) <i>Web User Interface Developer(Remote)</i>	October 2017 - October 2017
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- **Worked in a team of 3 people for an AI Search Tool Project**

- Connected the back-end application to front-end using MongoDB and Django where front-end was designed in Django Template Language(DTL).

The Student Hub(South African Startup)

July 2017 - August 2017

System Developer(Remote)

- **Worked on building an educational platform (www.eraonline.co.za)**
- Used Symfony framework, MYSQL and many core web development tools.
- Added many features in the project like automatic E-Mail/SMS sender whenever professor publishes new test. Fixed many previous bugs.
- Recieved praises from the founder for quality work under strict deadline.

EXTRA-CURRICULAR ACTIVITIES

- Volunteer for Brain Research Experiments at INMAS.
- Basketball (Runner-ups) (4th sem) in Inter-department college competition.
- Freestyle Football
- Penning Quotes
- Basic Spanish Language(Learning).

SOFT SKILLS

- Experimentalist
- Quick learning and grasping ability
- Co-operative and adjustable nature
- Good Analytical and Logical skills
- Initiator and passionate about working and learning new things
- Strong believer and hardworking