

ABHAY CHARAN

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OBJECTIVE

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

EDUCATION

Jamia Millia Islamia	<i>2015 - Present</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	<ul style="list-style-type: none">• Machine Learning • Deep Learning • Web Development• Robotics • Drone Mechanics • Signal & Image Processing• Basics of Ethical Hacking and Pentesting
Other Skills	<ul style="list-style-type: none">• EEG • fMRI • Basics of Cognitive Sciences and Brain Psychology
Academic Courses	<ul style="list-style-type: none">• Data Structures and Algorithms • DBMS • Networking• Cryptography • Microprocessor • Operating System• Automata Theory • Compiler Design • Computer Organization• Computer Architecture • System Software • Analog & Digital

EXPERIENCE

Institute of Nuclear Medicine & Allied Sciences, DRDO <i>Intern</i>	June 2018 - July 2018
<ul style="list-style-type: none">· Worked on evaluation of different Machine Learning models for EEG Microstates Estimation.· Learned about fMRI, EEG, simultaneous EEG-fMRI and their processing.	
Cortex Logic(South African Startup) <i>Web User Interface Developer(Remote)</i>	October 2017 - October 2017
<ul style="list-style-type: none">· 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) <i>System Developer(Remote)</i>	July 2017 - August 2017
<ul style="list-style-type: none">· 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 also.

CO-CURRICULAR ACTIVITIES

- 3rd position holder (National) in E-yantra Robotics Competition(IIT BOMBAY) in Theme Chaser Drone.
- Participated in Smart India Hackathon 2018 Grand Finale in project of anomaly as Team Leader. detection in ship trajectories.
- Made a Fighting Robot with roller embedded with blades as weapon(team of 4).
- Made an E-commerce Website and Railway Reservation System(Web).
- Silver medal in International Mathematics Olympiad by Amity University.

EXTRA-CURRICULAR ACTIVITIES

- Basketball (Runner-ups) (4th sem) in inter department college competition.
- Volunteer for Brain Research Experiments at INMAS.
- Penning quotes and poetry
- Basic Spanish Language(Learning).

SOFT SKILLS

- 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