

# ABHAY CHARAN

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## OBJECTIVE

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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

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**Jamia Millia Islamia**  
B.Tech (Computer Engineering)

*2015 - Present*  
Overall CPI: 7.69/10 (Upto 5th Sem)

**Kendriya Vidyalaya Janak Puri**  
12th and 10th

*2014 and 2012*  
87.4% and 9.4/10

## TECHNICAL SKILLS

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<b>Computer Languages</b>	C/C++, Python, Java, MATLAB, Shell Scripting(Bash)
<b>Industry Skills</b>	• Machine Learning • Deep Learning • Web Development • Robotics • Drone Mechanics • Signal & Image Processing • Basics of Ethical Hacking and Pentesting
<b>Other Skills</b>	• EEG • fMRI • Basics of Cognitive Sciences and Brain Psychology
<b>Academic Courses</b>	• Data Structures and Algorithms • DBMS • Networking • Cryptography • Microprocessor • Operating System • Automata Theory • Compiler Design • Computer Organization • Computer Architecture • System Software • Analog & Digital

## EXPERIENCE

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**Institute of Nuclear Medicine & Allied Sciences, DRDO** *May 2018 - Present*  
*Intern*

- Working on applying different machine learning and deep learning models to fMRI and EEG data to know more about the functioning on brain.

**Cortex Logic(South African Startup)** *October 2017 - October 2017*  
*Web User Interface Developer(Remote)*

- 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 also.

## **CO-CURRICULAR ACTIVITIES**

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- 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**

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- 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**

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- 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