Akshit Chopra

CONTACT	GN - 3150 , BITS Pilani , Pilani - 333031	**E-mail:**	f2014035@pilani.bits-pilani.ac.in
		Website:	https://github.com/akshit96
		Phone:	+91-8058760609

EDUCATION

B.E. (Hons.) Computer Science   2014 — Present

Birla Institute of Technology and Science (BITS) , Pilani .

CGPA - 7.77/10.0

Senior Secondary   2012 — 2014

Maharaja Agarsain Public School , Ashok Vihar , New Delhi

secured 95.4% , top 1% in India

Secondary   2011 — 2012

Maharaja Agarsain Public School , Ashok Vihar , New Delhi

CGPA - 10.0/10.0

PROJECTS AND PROGRAMMING EXPERIENCE

Machine Learning

- **Intrusion Detection System ,** a machine learning project that classifies network on their safety. *Language : Python , Algorithm : Decision Trees*
- **Prediction of Land Cover ,** a machine learning project to predict land cover of given area in future years , given satellite data of previous years. *Language: Python ,Algorithm: Linear Regression*

Sport Programming

Active on following competitive programming websites:

- **Codeforces :**(handle : akshit_1996) Rating : 1631 , Rank : Expert
- **Topcoder:** (handle: akshit_1996) Rating 1236 (Division 1)
- **SPOJ :** (handle : akshit_96) World Rank : 479 (over 45,000 registered users.)
- **HackerRank :**(handle : akshit_96) 1 silver , 5 bronze medals
- **Codechef :** (handle : akshit_96) Ranked 335 worldwide in Long Challeneges , over 45,000 users.

WORK EXPERIENCE

Bhaskaracharya Institute for Space Applications and Geo-Informatics (BISAG)   June 2016 — July 2016

Practice School 1 (Research Internship)

Completed a Machine Learning Project to predict Land Use and Land Cover using QGIS to convert vector images to raster form .

COMPETITIONS

- ACM ICPC 2015 - 16 (team: abc_coders)
- Ranked 358th among 1522 participating teams FOR Amritapuri site.
- ACM ICPC 2016-17 (team: VeniVidiVici)
- Ranked 91st out of ~3000 participating teams in prelims
- Ranked 64th in Amritapuri Regionals and 74th in Chennai Regionals.

TECHNICAL SKILLS

- **Languages:** C/C++/JAVA/Python
- **OS:** GNU/Linux
- **Machine Learning**
- **Others:** Sublime Text, Git

RELEVANT COURSES	- Computer Programming - Data Structures and Algorithms. - Object Oriented Programming - Machine Learning - Number Theory - Operating Systems* - Computer Networks* - Network Programming* - Database Systems* * Pursuing.
INTERESTS	- Machine Learning - Randomized Data Structures / Algorithms. - Number Theoretic Cryptography - Competitive Programming - Operating Systems
SCHOLASTIC ACHEIVEMENTS	- Secured All India Rank 2522 in JEE Mains 2014 (over 1.3 million candidates). - Secured 406/450 marks in BITSAT - 2014 - Selected for Inspire Scholarship by Central Board of Secondary Education.
VOLUNTEER WORK	Working as a Social Service volunteer at Nirmaan Organization.(2014 - Present)