

Aniket Pandey

First Year Undergraduate • Mathematics and Scientific Computing

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EDUCATION

IIT KANPUR

B.S IN MATHEMATICS AND
SCIENTIFIC COMPUTING

July 2016-Present | CPI: 7.7/10.0

K.V R.K.PURAM SEC-2

AISSCE, CBSE, OVERALL: 94.0%
May 2016 | New Delhi, India

K.V R.K.PURAM SEC-2

CBSE, OVERALL: 10 CGPA
May 2014 | New Delhi, India

LINKS

Github:// lordaniket06

LinkedIn:// aniketp

RELEVANT COURSES

Introduction to Programming

Introduction to Analysis

Linear Algebra

Ordinary Differential Equation

SKILLS

PROGRAMMING

Python • Javascript • C • C++

WEB DEV / FRAMEWORKS

HTML5 • CSS3 • Bootstrap • Django

OPERATING SYSTEMS

LinuxMint • Ubuntu • Windows10

UTILITIES

Git • Vim • \LaTeX • Bash

INTERESTS

Front-End Development

Python Scripting • Open Source

Number Theory • Astronomy

EXPERIENCE AND PROJECTS

GYMKHANA NOMINATION PORTAL | SINCE MAY'17

Summer Project , Programming Club

- Worked on a scalable web application with a diverse technology stack.
- Used Scala with Akka and Couchbase among other technologies for developing the backend.
- Implemented Notifications, XSRF & XSS Protection and a method to batch process api requests as part of the backend api.

COMPUTATIONAL COMPLEXITY THEORY | 2nd SEMESTER

ACA Semester Project

- Reading Project on Theory of Computation. Studied about non-deterministic complexity classes eg. NP, NP-Complete, NP-Hard.
- Researched the fundamental working of **Turing Machine** and its properties. Analyzed famous NP-Complete problems, e.g SAT, Hamiltonian Path, Travelling Salesman etc.
- Understood the implication of Complexity Theory in Quantum Computing and Cryptography.
- Prepared the final report in \LaTeX which is now under examination. //

AWARDS AND ACHIEVEMENTS

2014	AIR 1	KVS Junior Mathematics Olympiad, with a record score of 92 out of 100
2012	AIR 90	NTSE Scholarship Examination, NCERT & Govt. of India
2014	AIR 214	KVPY-SA Fellowship Examination, IISc Bangalore
2016	AIR 908	JEE Advanced 2016, IIT-Guwahati
2013	RMO	Selected for INMO-14 from Delhi Region
2014	INJSO	Amongst the top 36 merit students selected in Junior Science Olympiad
2016	INAO-Sr	Amongst the top 25 merit students selected in Astrophysics Olympiad

MISCELLANEOUS

- Secretary at *Programming Club*, *Astronomy Club* and *Rubik's Cube Hobby Group*.
- Head-Web at Stamatics Organisation , IIT Kanpur.
- Well maintained profile on GitHub. Contributor at open source organisation Astropy and Python module pyperclip.
- Won the Astronomy event as a pool in Takneek-16.
- Among the few freshers to complete Programming Club's *Getting first PR merged* challenge.