AKHIL N KASHYAP   16613216IT104
Information Technology   **UG Second Year**
National Institute of Technology Karnataka   **Male**
Speacialization: Information Technology   **DOB: 15/01/1998**

EXAMINATION	UNIVERSITY	INSTITUTE	YEAR	CGP / %
Graduation	NITK Surathkal	NITK Surathkal	2018	7.89
Intermediate/+2	Karnataka Board	Expert Pre University	2016	96.5
Matriculation	CBSE	VVS BM Sri E I	2014	10.0

ACADEMICS:

- Secured **All INDIA Rank 6227** in **JEE MAINS** out of 11,00,000 students
- Cleared the **JEE Advanced** examination
- Secured **242** rank in Karnataka CET(PCM) out of 1,71,000 students   (2016)
- Cleared the state level NTSE examination and secured a state rank of **24**   (2014)
- Currently pursuing B.Tech in Information Technology at NITK,Surathkal

PROJECTS:

- Optimizing Data Storage using the TRIE Data Structure:
    Implemented a multi way search TRIE to optimise Data Storage.
    Programmed in Python language, also contains usage of JSON tokens for Web scraping.

- Snake game using UNIX:
    Implemented the classinc Snake Game using UNIX and Shell Script.

- Online train ticketing system, a mimic of the IRCTC (currently ongoing):
    Designing a Web application similar to the IRCTC website.

- Animation using Computer Graphics (currently ongoing):
    Simple animation using OpenGL.

SKILLS:

- **Programming Languages:**   C, C++, Python, Java, UNIX
- **Web designing:**   HTML, CSS, Bootstrap
- **Script languages:**   JavaScript
- **Backend framework:**   Node JS, jQuery
- Also familiar with **React Native, React JS** and **Arduino** programming.

INTERNSHIPS:

➢ Interned at a Technical Writing start-up by the name **PULOMAS** in Mysore during 2016-17 summer.
➢ Completed a summer mentorship programme on **Microcontrollers.**
➢ Was part of the iOS app development team for an e-commerce startup called **Savemonk.**

COURSES UNDERTAKEN:

Computer Science:
Basics of C programming
Data Structures and Algorithms
Paradigms of Programming 1
Unix programming and practice
Digital design and Computer Architecture
Design and Analysis of Algorithms*
Paradigms of Programming 2*
Computer communication and Networking*
Operating System*
Object Oriented Design and Analysis*
Computer Graphics*

Maths and Science:
Modern Physics
Engineering Chemistry
Engineering Mathematics 1
Engineering Mathematics 2
Mathematical foundation of IT

*(*to be completed by May 2018)*