

Himanshu Aggarwal

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Examination	University/Board	Institute	Year	CGPA/%
M.Tech. (CSE)*	AICTE	IIIT Delhi	2019	7.56
B.Tech. (CSE)	University of Delhi	SGTB Khalsa College	2017	83.04%
Intermediate(+2)	CBSE	Lancer's Convent	2013	94.5%
Matriculation	CBSE	Lancer's Convent	2011	9.4/10

*2nd Year

PROJECTS

Dimensionality Reduction Using Genetic Algorithm Summer 2018
Devising a new approach to dimensionality reduction for unsupervised learning.

Meta-Search Engine Spring 2018
Information retrieval project on building a meta-search engine.

AntiCP: Detecting Anti Cancer Peptides Fall 2018
Big Data Mining Project on improving on the paper "*In Silico Models for Designing and Discovering Novel Anticancer Peptides*"

CourseAide Spring 2018
Android application to aide students choose their courses and TA-ship duties at IIITD.

Tracing the Execution of Async-Finish Programs Fall 2018
Parallel programming project on implementing the paper "*Steal-Tree: Low overhead tracing of work-stealing schedulers, PLDI 2013*" and improving.

ACHIEVEMENTS

- **Research Intern at National Institute of Informatics, Japan (December 2018 - June 2019)**
Selected for the 6-months International Internship Program at NII, Japan. This is a research internship with students and researchers participating from all over the world. I will be working on Music Information Retrieval during my stay.

TECHNICAL SKILLS

- **Languages Proficient In:** Python, Java, C/C++, SQL
- **Secondary Languages:** R, Android Development
- **Technologies:** Machine Learning, Information Retrieval, Parallel Programming, Git
- **Development Environment:** Visual Studio, Eclipse, Anaconda
- **OS:** Linux, MacOS, Windows

POSITION OF RESPONSIBILITY

- **Teaching Assistant** for *Linear Algebra* and *Database Management System* course at IIITD. (2018)
- **Contributing member** at *DuckDuckGo* Open source community. (2015)
- **President**, *STROKES -The Fine Arts Society* (2015 - 2016)
- **Intern** at *Shiksha Rath*, a project by Touch India Trust (2015 - 2015)
- **Vice President** of *Leaders For Tomorrow*, chapter *SGTB Khalsa College* (2014 - 2015)

EXTRA- CURRICULAR ACTIVITIES AND INTERESTS

- Attended *Google Developer Days*(Bengaluru).
- Organised 6 successful Fine Arts Exhibitions and Fest in three years under STROKES.
- Organised plantation drive in college with a team of 25+ people and 300+ participants.
- Love to paint and write poems.