Abhishek Mittal

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ACADEMIC QUALIFICATIONS

Educational Qualification	Institute/Board	Year	CPI/%
B.Tech., Computer Science and Engineering	IIT Kanpur	2018-Present	9.0/10
Class XII (CBSE)	Aggarsain Public School , Kurukshetra	2017-18	96.2%
Class X (CBSE)	Aggarsain Public School, Kurukshetra	2015-16	10/10

HONORS AND AWARDS

- **All India Rank 109**, Joint Entrance Examination Advanced , 0.2 million aspirant — 2018
- **All India Rank 1275**, Joint Entrance Examination Mains 2017 , over 1 million aspirants — 2018
- **Aditya Birla Scholarship** , shortlisted candidate — 2018
- **Kishore Vaigyanik Protsahan Yojana**(KVPY) scholar, securing an **All India Rank 490** — 2017
- Cleared National Standard Examination in Physics(**NSEP**) and Chemistry(**NSEC**) conducted by **IAPT** — 2017
- Cleared Regional Mathematics Olympiad(**RMO**)conducted by **HBCSE** and qualified for **INMO** — 2017
- **National Talent Search Examination** (NTSE) scholar — 2017

PROJECTS

- **WingMate , a chat application** *May'19-Jul'19*
  Summer of Code | IIT Kanpur
  - A chat application developed in **Flutter** with multiple features like Event-planners, group/ personal chats and To-Do List .
  - Added functionalities such as google authentication with the use of **Firebase**

- **Language Modelling** *May'19-Jul'19*
  Deep Learning Project | Programming Club | IIT Kanpur
  - Learnt Deep Learning and how to implement neural network models particularly RNN's.
  - Implemented a state of the art research paper **Deep contextualized word representations** for a basic sentimental analysis.

- **Skin Track** *Dec'18-May'19*
  Electronics Club | IIT Kanpur
  - Skin Track was a long term project which was originally implemented by its previous team.
  - We read the Skin Track paper and tried to improvise the battery and power consumption of it.

- **Graph Plotter** *Aug'18 - Nov' 18*
  Course Project | ESC101
  - Developed an interactive Graph Plotter in a team of three from scratch using HTML5 and JavaScript.
  - Included features like infinte zooming, drawing tangents, graph of Implicit/Explicit functions etc.

TECHNICAL SKILLS

- **Programming/Scripting Languages**: C, C++, HTML5, JavaScript, Python, Bash
- **Tools/Frameworks**: Arduino IDE, Node.js, AutoCAD, Firebase, Flutter, Pytorch

RELEVANT COURSEWORK

Data Structures and Algorithms	Real Analysis	Logics in Computer Science *
Fundamentals of Computing	Introduction to Electronics	Software Development *
Discrete Mathematics	MicroEconomics	Computer Organisation *
Linear Algebra and ODE	Mathematical Economics	

* Ongoing Courses

POSITIONS OF RESPONSIBILITY

- **Academic Mentor CHM 102A** , *Counselling Service | IIT Kanpur* *Jan'20-Present*
  - Currently conducting remedial classes at Institute and Hostel level in a basic chemistry course.

- **Web Secretary** , *Office of International Relations | IIT Kanpur* *Nov' 19-Present*
  - Developement and management of the website of Office of International Relations, IIT Kanpur