# ARCHIES ARCK

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## EDUCATION

| | |
|---|---|
| **Indian Institute of Technology Kanpur** | *July 2017 - Present* |
| $2^{nd}$ Year Undergraduate | CPI: 7.19/10 |
| Department of Computer Science and Engineering | |

## TECHNICAL STRENGTHS

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|---|---|
| **Computer Languages** | C, MATLAB, Python, Rust, HTML, CSS, NodeJS, PHP |
| **Software & Tools** | Linux(Bash), LaTeX, SQL Database, MongoDB, Git |

## EXPERIENCE

**Full Stack Web Developer** — May 2018 - Jul 2018
*Summer of Code (Nutanix)*

- Developed an e-learning web-application.
- Used python to build regression for recommendation system in it.
- Login/Signup/Logout from PHP and SQL.

**ACA Project** — Jan 2018- Apr 2018
*ACA - Association of Computing Activities, IIT Kanpur*

- Learnt HTML, CSS, PHP, JS.
- Learnt network concepts, bash scripting and did online CTF Bandit.
- Made a web application similar to social chatting app.
- Applied SQL injections on the web app developed and DVWA.

## OTHER PROJECTS

**Quantum Mechanics Simulations** — Summer Project
*June 2018*

- Demonstrated the time evolution of a given wave function under a given potential.
- Used finite dimensional Hamiltonian matrix and find the Eigen states and the corresponding Eigen values.
- Used python to demonstrate the evolution of wave function.

**Chat Application** — Implemented 5 Jan 2019
*Winter 2018*

- Used html, css and socket.io to implement a real time chat application.
- Used MongoDB on Heroku cloud.

## ACADEMIC ACHIEVEMENTS

Scored 10 CGPA in $10^{th}$ board exams.

Scored 92% in $12^{th}$ board exams.

Ranked 1260 in JEE Mains.

Ranked 753 in JEE Advanced.

## RELEVANT COURSES

| | |
|---|---|
| Introduction to Computing (C) | Numerical methods in computing |
| Probability for Computer Science | Introduction to Mechanics |
| Discrete Mathematics | Electrodynamics |
| Linear Algebra | Manufacturing Process |
| Introduction to Logic | |

## POSITION OF RESPONSIBILITY

**Academic Mentor - Counselling Services**                          July 2018 - Present
*IIT Kanpur*

A part of student counselling service of IIT Kanpur which deals with personal problem of new students in the campus, mainly academic difficulties and problems and fixing it to the needy students.

## EXTRA-CIRRUCULAR

Won 2nd prize in the event Robotricks organised in TAKNEEK.