**Scholastic Achievements**

* Pursuing a minor in **Computer Science & Engineering** *(Present)*
* **Ranked 2nd** among 124 students in Chemical Engineering (UG First year) *(2017)*
* Awarded a **Branch Change** to **Electrical Engineering (Department Rank 8** in Dual Degree**)** *(2017)*
* Secured All India Rank **823** in **JEE advanced 2016** (2 lakh+ Aspirants)  *(2016)*
* Secured a **Percentile of 99.73** in **JEE Mains** 2016 (11 lakh+ Aspirants)  *(2016)*
* Recipient of **KVPY fellowship** with **All India Rank 341** out of 0.1 million candidates  *(2014)*
* Qualified **NTSE-2012** with a **Rank 205** and awarded a scholarship by Government of India  *(2012)*
* Among **Top 1%** at national level in **NSEP**(Physics) & **Top 1%** at State level in **NSEA**(Astro) Olympiads*(2015)*
* Bagged **International Ranks** among top hundred **5 times** in **IMO** & **3 times** in **NSO** *(2012-16)*

**Projects Undertaken**

**Junior Design Engineer — IIT Bombay Racing**  *(Aug ’2016 - Present)*

* Selected among the 8 Elec JDEs in the IITB Racing team out of 250+ applicants
* Completed the summer induction Program of IIT Bombay Racing to analyze various electrical and mechanical aspects that govern the working and design of the car

***XBee based two-way point to point communication system*** *(Sept ’17 - Present)*

* Modified the existing one-way XBee Communication in the car to a two-way communication
* Fortified various aspects of Mbed & XBee to create a superior communication system

**New Hostel 7 Website based on AngularJS** *(Aug ’17 - Present)*

* Enhanced the front-end of the website using AngularJS, a JavaScript-based open-source framework
* Reinforced the backend of the Hostel 7 website by including Portals for Library, Mess & Parcels

**Walking Gears | Solid Works** *(Jul ’16 - Nov’ 16)**Guide:**Prof K.P. Karunakaran |Department of Mechanical Eng., IIT Bombay | Course Project*

* + Designed a geared mechanism which moves a frame Structure, generally used in toys
  + Assembled various parts and added **Mechanical Constraints** to make a working model

**XLR8 | Bluetooth Controlled Electric Car** *(Jul ’16 - Aug’ 16)*

* + Designed a *Bluetooth Controlled Electric bot* based on *Differential Mechanism* after analysing RF Circuit

**Positions of Responsibility**

**Web and Comp Secretary, Hostel 7 IIT Bombay** *(Aug ’17 - Present)*

* + Constructed and revamped the **hostel website,** making it a forum for all hostel inmates
  + Building an app with live hostel updates and an integrated calendar and portal system

**Teaching Assistant in BB101 (Biosciences and Bio Engineering)** *(Jan ’18 – Present)*

* Appointed as an Institute Teaching Assistant out of 73 applicants for the course based on communi-cation skills and academic prowess in the subject
* Guiding a batch of 50+ Students and helping them build problem solving skills

**Teaching Assistant in BB101 (Biosciences and Bio Engineering)** *(Sep ’17 – Nov ‘17)*

* 1 of 10 students selected to tutor a batch of 50 students for the introductory course in Biology
* Evaluated students’ performance regularly collaborated with instructor for teaching tactics

**Coordinator, Competitions and LYP || Mood Indigo, IIT Bombay** *(Apr ’17 - Present)*

* Conceptualized and organized 7 Multicity Competitions pan India thus increasing outreach
* Invited celebrities for 'Face of Genre’, a celebrity endorsement scheme for 9 genres

**Technical Skills**

* **Computer Languages and Operating Systems:** C++, HTML, CSS, JavaScript, Microsoft Windows, Ubuntu
* **Software Packages:** AutoCAD, Solid Works, Adobe Premiere Pro, LATEX

**Extra-Curricular Activities**

* Active in **Dramatics Club;** presented the play “Sonu ka gold Medal” and scripted a play in SophieProd
* Among the 25 NSO **Kho-Kho** players in UG First Year; participated in Kho-Kho General Championship
* Felicitated with Student of the Year 2015-16in Cambridge Court High School, Jaipur