PIYUSH RANE

JUNIOR YEAR UNDERGRADUATE ◇ COMPUTER SCIENCE AND ENGINEERING
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EDUCATION

Year	Degree/Certificate	Institute	CPI/%
2018 - Present	B.Tech	Indian Institute of Technology, Kanpur	7.4/10.0
2018	CBSE(12)	R.K.V.M. Higher Secondary School, Gwalior(MP)	90.6%
2016	CBSE(10)	Kendriya Vidyalaya No - 5, Gwalior(MP)	10.0/10.0

ACADEMIC AND OTHER ACHIEVEMENTS

- 2018 - **All India Rank 3738**, Joint Entrance Examination(Advanced) among 200,000 candidates
- 2018 - **Secured 99.5 percentile**, Joint Entrance Examination(Mains) among 1.2 Million candidates
- 2018 - **Qualified Stage 1** KVPY, Indian Institute Of Science Bengaluru, India
- 2017 - **All India Category Rank 52** KVPY Scholar, Indian Institute Of Science Bengaluru, India
- 2016 - **Certificate Of Merit** for 10 CGPA in 10th standard by Kendriya Vidyalaya Sangathan

PROJECTS AND EXPERIENCE

IITK Summer of Code (Full stack developer intern)   May 2019 - July 2019
Department of Computer Science and Engineering IIT Kanpur   *github://PiyushRane/Touch-EPFM*

- Worked in a team of five to **develop a web-app** that automated the manual feedback mechanism of employees
- App gave different roles to users, allowing **admin** to add or remove employees/supervisors from database, allowing **supervisors** to assign task, give feedback, allowing **employees** to see their tasks, completion status
- The technologies used were **JavaScript, HTML, CSS, Node.js, JQuery, Bootstrap and Google Firebase**

App Development   February 2019 - April 2019
Association for Computing Activities(ACA)   *github://PiyushRane/Time-Table-App*

- Learned some basic **Linux/Unix commands** through Bandit OverTheWire Wargames
- Learned **HTML, CSS and JavaScript** and built a **simple calculator** that performs basic Arithmetic operations
- Learned **introductory Android Studio** and built a **Time Table App** to effectively manage time using **JAVA**

2D regions Package   *Course Project*
Software Development and operations   *github://PiyushRane/2D-RegionsPackage*

- Mastered and applied OOPS concepts to determine the position of a point relative to complex shapes
- Used Inheritance to allow for intersection, union and other operations between given shapes

TECHNICAL SKILLS

Programming Languages	C/C++, Python, HTML, CSS, Java Script, Node.js
Tools	Google Firebase, SQL, Git, LaTeX

RELEVANT COURSES

Data Structure and Algorithm	Fundamentals Of Computing
Software Development and Operations	Discrete Mathematics
Introduction to Mathematical Logic	Computer Organization
Introduction to Electronics	Real Analysis and Multivariable Calculus
Linear Algebra and Ordinary Differential Equation	Python for Everybody, Coursera Specialisation, University of Michigan *(Online)*

EXTRA-CURRICULAR

- **Junior executive -** Worked in the Junior executive team of **Techkriti Open School Championship** and was responsible for fair conduction of exam in city Gwalior(MP) for approximately 200 students and management
- **Dance club Secy -** Won Dance Trophy in Inter Hall cultural competition of IITK by performing in Group Dance