SHASHANK BHUSHAN

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INTERESTS

Startups & Entrepreneurship, Android Development, Graphics Designing, Data Structures & Algorithms

EDUCATION

Year	Degree	Institute	CPI/%
2017(expected)	Bachelor of Technology	Indian Institute of Technology Kanpur	5.7*/10.0
2012	All India Senior School Certificate Examination (CBSE)	Shiv Jyoti , Kota	73.4 %
2010	Indian Certificate of Secondary Education (ICSE)	Don Bosco Academy, Patna	83 %

* - at the end of fourth semester

ACADEMIC ACHIEVEMENTS

- Secured **All India Rank 3413** in JEE Advanced out of more than 500,000 aspirants. **2013**
- Secured a **score of 265/360** in JEE Mains given by around 1,300,000 students. **2013**
- Secured a **score of 382/450** in BITS Entrance Exam. **2013**

WORK EXPERIENCE

CRANKOUT TECH PVT LTD | Android App Development Intern **(May 2015-Jul 2015)**
Book Any Gym, Studio, Sports venue or personal Health Coach in Mumbai.(CrankOut App)

- Created a minimalistic flow and paid special attention to user experience.
- Implemented Session Management, Cart Management and Material Design guidelines.
- Built a Android webview and made communication with the PayUMoney API.

PROJECTS

AURAPLAY - AN ARTICULATED MECHANICAL ROBOTIC ARM | Electronics Club Project **(May 2014-Jun 2014)**

- Making a Fluid Interface controlled by laser pen which is a projected screen. **(Project Video Link)**
- Using OpenCV to track screen through contour detection and mouse handling through laser.

TA202 **(Jan 2015-Apr 2015)**

- A Fully Functional Automatic wheat plant sowing machine was made by a group of 6 people and was awarded as the **best project** from the whole batch of 440 students.
- The mechanism was designed such that the whole machine could be driven from a single point's motion . **(Project Video Link)**

TA201 **(Aug 2014-Nov 2014)**

- Made a model to demonstrate the Perpetual Motion , and hence demonstrate the first and second law of thermodynamics.

TECHNICAL SKILLS

- **Programming Languages :** C, C++, JavaScript
- **Development** : Andoird Studio, Eclipse, HTML, CSS, Django, Node.js, Bootstrap.css, MongoDB
- **Utilities & Softwares** : Git, Make, Bash, Postman, Microsoft Excel, Microsoft PowerPoint
- **Operating Systems** : Fedora, Ubuntu, Mac OS, Windows
- **Design Software** : Sketch(Mac) , Auto-cad , Solidworks Autodesk Inventor , Adobe Illustrator ,Adobe Photoshop

RELEVANT COURSEWORK

Mechanical Engg. : Engineering Design and Graphics,Nature and Properties of Materials, Fluid Mechanics, Graphical Engineering, Manufacturing Processes, Dynamics***** , Mechanics Of Solids*****, Energy Systems*****
Manufacturing Science and Technology*****
Others : Fundamental of Computing, Complex Variable, Introduction to Electrical Engineering, Partial Differential Equation, Introduction to Electronics, Flight Mechanics***** **(* - ongoing)**

LEADERSHIP SKILLS

CULTURAL SECRETARY | Hall Executive Committee, Hall 3 **(Jul 2014-Apr 2015)**

- Was part of a team of 11 people who managed all the Hall level Activities and Supervied Inter as well as inter-hall events.
- Won the Galaxy trophy the 7th time in a row which is IIT Kanpur's inter-hostel cultural Festival.
- Invented a programme through which every new residents of hall could get full exposure to their cultural talent.

COORDINATOR – INFORMALS , TECHKRITI'15 .(Technical Festival of IIT Kanpur) **(Jul 2014-Apr 2015)**

- Organised and Invented Ideas for Fun Games which was open to all present in the TEchkriti fest.

COORDINATOR – DESIGN EVENTS , TECHKRITI'15 **(Jul '14-Apr '15)**

- Conducted the competitions of **Grand prix and Concantenate** in Techkriti including bringing participations from over India
- Emphasised on post festival logistics management reduce the lead time from 5 months to 2 months.