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|  | | **Kaushal Jain** | | **09010005** | | | |
| **Electrical Engineering** | | **UG Third Year** | | | |
| **Indian Institute of Technology, Bombay** | | **Male** | | | |
| **Specialization: Microelectronics** | | **DOB: 24 Nov 1991** | | | |
| **Examination** | **University** | | **Institute** | | **Year** | **CPI/%** |
| Graduation | IIT Bombay | | IIT Bombay | | 2011 | 9.29 |

**INTERNSHIP, TouchMagix Media Pvt. Ltd., Pune, India [May 2011-Jul 2011]**

* **Innovated** a **3D interactive game** completely controlled by **body motions** for Windows
* **Extracted** meaningful data after **analyzing raw depth maps** given by Microsoft Kinect sensor
* **Conceptualized** the entire game play and executed it in **Unity3D** game engine
* **Volunteered** to take **2 day tutorials** on 3D game development concepts and was **highly appreciated**

**KEY PROJECTS**

**Karan Arjun -Mars Manouvere (TechFest 2011)-***A grid solver robot*  **[Dec 2010–Jan 2011]**

* Built an **autonomous robot** that manouveres a 7\*7 grid and a **manually controlled robot** which goes and deposits the autonomous robot. Reached the **National Finals** of this contest

**Tracker Bot/ Bot Follower-***Summer Project under Electronic Club of IIT Bombay*  **[May-June 2010]**

* Built a robot that autonomously follows another robot based on **Image Processing**

**Response Tester-***Guides: Prof. Sachin Patkar and Prof. Udayan Ganguly*  **[Mar 2011-Apr 2011]**

* Appliedbasic digital logic to build a **game** which **tests your reflexes** and rates you

**Mini UID Project (Unique Identification)-***Guide: Prof. Deepak B. Phatak*  **[Oct-Nov 2009]**

* Coordinated a group of **20 colleagues** for building a **Graphical User Interface for** registrations

**SCHOLASTIC ACHIEVEMENTS**

* Cleared **National Talent Search Exam** conducted by the **NCERT** and awarded **scholarship**  **[2007]**
* Qualified in **INChO**[Indian National Chemistry Olympiad] for being amongst **top 1%** in India **[2009]**
* Awarded the **Principal’s Medal** for overall **best child** in Secondary School **[2007]**

**SOFTWARE SKILLS**

* **Software:** Basics of Scilab, Mathematica, Eagle, Visual C/C++, Matlab, PSpice, LTSpice
* **Languages and Web:** C,C++, Verilog HDL, Assembly language (8085), HTML, CSS

**EXTRA CURRICULAR ACTIVITIES**

**Core Team Member, Events, Student Alumni Relations Cell, IIT Bombay [Mar 2011-ongoing]**

* Collectively **leading** a team of over **30 volunteers** for building better student alumni relations
* Jointly coordinating the planning, conceptualization and execution of the first ever Student Alumni Meet

**Other positions**

* Served as **Technical Secretary** of my Hostel (strength 350) **[2010-2011]**
* Was a member of the **TechniC** - Technical Club of IIT Bombay **[2010-2011]**

**Miscellaneous Activities**

* Scaled **15,700** feet in the **Himalayas** and secured highest grade in Basic Mountaineering Course, organized by **Indian Mountaineering Federation [July 2010]**