Aayush Varshney

**B.Tech Information Technology** Room No – 1051, Boys Hostel - 4

**UG (IV Year, VIII Semester)** IIIT Allahabad

**Indian Institute of Information Technology** E-Mail ID: **iit2011175@iiita.ac.in**

**Deoghat, Jhalwa, Allahabad, Uttar Pradesh, India.** Mobile no: **+91-7022601101**

*Academic Profile*

**CGPA : 9.16 /10**

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| --- | --- | --- | --- | --- |
|  | **1st Year** | **2nd Year** | **3rd Year** | **4th Year** |
| **Odd Semester** | 8.68 | 9.35 | 9.30 | 9.27 |
| **Even Semester** | 8.29 | 9.62 | 9.74 |  |

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| **Class** | **School** | **Board** | **Year** | **Score (%)** |
| **X** | The Shree Ram School, Gurgaon | ICSE | 2008 | 92.6 |
| **XII** | Modi Public School, Kota | CBSE | 2010 | 87.2 |

*Areas of Interest*

* Algorithms
* Data Structures
* Database Management Systems

*Honours and Achievements*

* Amongst the top 10 students in the 4th and 6th semester in college. Received scholarship for the same.
* President of the Dance club 2013.
* Part of the Organizing Committee of Effervescence 2012 & 2013.
* Part of the dance home team which won the third prize in Effervescence 2011, second prize in Effervescence 2012 and bagged the first prize in Effervescence 2013 under my leadership.
* Part of the winning team in A’La Mode 2013 – fashion show competition in Effervescence 2013.
* Won prizes in several intra-school events like Dance, Debate, Athletics, etc.

*Skill Set*

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| --- | --- |
| **Programming Languages**  **Frameworks/Services used** | C++, C, Core Java, SQL, Javascript    Rest, ExtJS |
| **Platforms used**  **Databases**  **Programming Environment** | Windows, Linux  MongoDB, Oracle, Mysql  Vim |

*Major courses:*

* Data Structures and Algorithm Analysis
* Operating System
* Database Management Systems
* Data Communication

*Projects:*

* **Collector Config Management System (January 19th – ongoing, 8th Sem)**

Company: BlueJeans Network (Single person)

Implementing a generic model of executing events during a video conference excluding the need of manual intervention. Technologies being used are Rest apis, MongoDB, ExtJS and Javascript.

* **Face Liveness Detection using Image Quality Estimation (Feb – May, 2014, 6th Sem)**

Mentor: Dr. G.C.Nandi (In a team of 3 Members)

Implemented to overcome the limitations of previous project and make the system more robust and usable in Real-Life conditions. My contribution was to create the Database for validity- Check and modify the algorithm to overcome the limitations.

* **Face Liveliness Detection using Face Texture Analysis (Aug – Nov, 2013, 5th Sem)**

Mentor: Dr. G.C.Nandi (In a team of 3 Members)

Implemented as Real-Time Application to increase the security of the system against the Facial Spoofing Attacks. Technologies used are Microsoft Visual Studio 2010 configured with OpenCV-2.4.2. My contribution was to design the algorithm which can work in Real-Time scenario.

* **Budget Approval System Application (Feb – March 2013, 4th Sem)**

Mentor: Prof O.P.Vyas (In a team of 3 Members)

Management of various employee bills submitted to Manager for approval.

*Personal Profile*

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| --- | --- |
| **Date of Birth** | 20th May 1992 |
| **Gender** | Male |
| **Permanent Address** | 91/4, IXIA Street, IXIA, Vatika City, Sector-49, Gurgaon, Haryana-122001. |
| **Marital Status** | Single |
| **Languages** | English, Hindi |
| **Email ID** | [iit2011175@iiita.ac.in](mailto:iit2011175@iiita.ac.in)  [aayush.varshney20@gmail.com](mailto:aayush.varshney20@gmail.com) |

*Declaration*

I hereby declare that the information mentioned above is true to the best of my knowledge.

**21st April, 2014** **Aayush Varshney**