

Kashish Mittal

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Objective:

To achieve and deliver excellence by developing with the organization I work for, and demonstrate strong influencing skills and Leadership principles.

Projects:

- **Predicting Wallpaper Preference:** A Desktop Application based on Machine Learning and Image Processing. This application predicts wallpapers for a user on the basis of their rating for an image by dividing them into clusters using K-Means Algorithm. Image Processing is used to create feature vector using which clustering is applied.
- **All in one Compressor:** A Desktop Application used to compress medical images using lossless compression. Algorithms like LZW, Huffman and Packbits were studied and implemented. A report compressor is also included which creates a word cloud on the basis of frequency of words in report.
- **Android Application (TrackBuddy):** An android application showing all friends location on a single map, exchanging message, and it also has other utilities like poke, emergency alerts, status update and last seen timestamp.
- **Microsoft Multi-Point SDK (Kallum):** A multipoint mouse game, having two mouse pointers on the same screen, one with track pad and other with external mouse. It was basically a game with hurdles played by 2 players competing to win.
- **Gesture Detection:** Worked on a project to detect gestures in Linux and carry out basic functions such as volume increase, decrease, close etc. It was based on OpenCV.

Work Experience:



(June 2014 – August 2014)

Project Undertaken: “Internationalization of MTS and Miss-sort Tool, Consolidation of Miss-sort tickets, Improving Miss-sort dashboard performance and UI Automation testing of Miss-sort tool”

Description: Amazon gave me a chance to work on live projects. All these tools were internal to amazon and helped me improve my development skills and leadership principle.

Technologies involved: Git, JSP, JS, JAVA , jQuery , Python , SQL ,Selenium IDE and various other framework internal to amazon.

Academics:

B. Tech. Computer Engineering, National Institute of Technology, Kurukshetra.

C.G.P.A- **9.45/10**

Currently in Eight Semester, Expected Graduation Date- June 2015.

Skills:

- **Programming Languages:** Java(Moderate), C (Moderate), C++(Moderate)
- **Internet Technologies:** HTML (Moderate), JavaScript (Basic)
- **API:** Android Development , OpenCV, MultipointSDK
- **Operating Systems:** Windows, Linux

Achievements:

- Bagged First Prize (2012) & Second Prize (2013) in Excalibur, National Level Software Development Contest.
- All India Rank – 27 on Codechef and 374 - World Rank on Spoj, Handle: **dracowane**
- Problem setter at Hackerearth.com
- **President** of TechnoByte, the official society of Department of Computer Engineering and Information Technology which plans, organizes and conducts all the computer related activities in NIT Kurukshetra.
- Member of MAD (Music and Dramatics Club),NIT Kurukshetra.
- Solving Rubik's Cube(3x3x3- Sub 40).

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

-Kashish Mittal