Mohit Jain

CS UnderGrad @ IIIT H

OBH-268 IIIT H
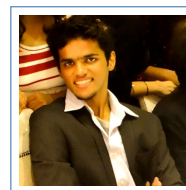Hyderabad
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Choose a job you love, and you will never have to work a day in your life. -Confucius

Profile

About me A creative outlook and multi-talented personality with the zest to create products that make a difference using Computer Science are the qualities that make me a swell developer. Looking to expand my knowledge and experience in AI, Machine Learning and Computer Vision.

Education

2012–till date **B.Tech in Computer Science**, *International Institute of Information Technology Hyderabad*, Hyderabad, *8.43 CGPA*.
Currently pursuing this degree along with M.S. in Computer Science at the Centre for Visual Information Technology (CVIT)

2010–2012 **Senior Secondary**, *Aklank Public School*, Kota, *89.8%*.

2004–2010 **Secondary**, *Navrachana*, Vadodara, *9.4 CGPA*.

Experience

Fall of 2014 **Teaching Assistant**, *IIIT H*, Hyderabad.
TA for the course IT-Workshop-I. Job requires teaching students in lab sessions and grading course work/exams.

Fall of 2014 **Software Developer Intern**, *Unorthodox*, Hyderabad.
Job requires building a web-based application to overlay clothing on human body and another application to augment post-surgical effects on human face in real-time.

2014-2015 **Member of the Student Apex Body**, *IIIT H*, Hyderabad.
Job requires managing the admissions and induction program of the freshers batch.

2014-2015 **Sports Captain**, *Vayu House - IIIT H*, Hyderabad.

2014-2015 **Co-ordinator**, *Music Club - IIIT H*, Hyderabad.

Courses Taken

ICS101	Computer Programming : A-	ICS211	Algorithms : A-
IMA101	Discrete Mathematics : A	ICS231	Operating Systems : A-
ICS103	Data Structures : A-	ICS241	Introduction to Databases : A
IMA201	Linear Algebra : A-	ICS251	Computer Networks : A-
CSE474	Information Ret. and Extraction*	CSE481	Optimization Methods*

Skill Set

Platforms	Mac OSX(expert), Linux(expert), Windows(novice)	Web Tech's	Web2py(expert), HTML5+JS+CSS3(proficient), GoogleAppEngine(proficient)
Programming Languages	C(expert), C++(proficient), Racket-Lisp(novice)	Others	OpenCV, Android, MATLAB, MySQL, Unity-GameEngine
Scripting Languages	Python(expert), Bash(proficient)	Editors	Vim (expert), Emacs(proficient), Sublime(expert)

Project

Aug–Nov'13 — **Swaraa**, *CVIT Labs*, Hyderabad.
A webapplication built on Web2py with an android version for the same. Crowd sourced classical music sharing and listening application with features like voice-note comments and user ratings and privilages accordingly.
Hosted at : Swaraa Codebase : Swaraa-web SwaraaLite-mob

Sept-Oct'13 — **Linux Terminal Implementation**, *Course Project - IIIT H*, Hyderabad.
My implementation of the Linux-Shell Terminal in C. Supports all system commands with arguments, background processes, pipeline operator and some other user defined commands.
Codebase : Terminal

Jan'14 — **LookOut**, *MIT Media Labs*, Mumbai.
An android application that uses the phone's mic to keep a check on the ambient noise levels and uses real-time signal processing to alert via vibration/notification-sound in case of any alarming situation. Built with the idea of easing everyday life for hearing impaired people.
Codebase : LookOut - Beta

Feb'14 — **BeHeard**, *GeekList Hackathon - Google*, Hyderabad.
A webapp built on the google-appengine for the community to make itself heard. Post a photo or video of any grievances you face in your day-2-day life and be assured that you would be answered by the concerned authorities.
Hosted at : BeHeard - Beta Codebase : LookOut-code

June'14– Present — **Shiksha**, *IIIT Sricity*, Chittoor, A.P.
A fully automated assignment submission portal currently deployed on the institute network with features scoping from handwritten submissions to a code evaluation judge. Further work on this project will cater to similarity detection in handwritten assignments using image processing techniques.
Hosted at : Shiksha Codebase : Shiksha-code

Achievements & Interests

IIIT H — Received the Dean's Merit List Award for the I & IV semester for being in the top 10% students of the batch.

IIT-JEE — Secured an AIR 4456 in the IIT-JEE'12 examination among 500,000 students.

AIEEE — Secured an AIR 2164 in the AIEEE'12 examination among 1.2 million students.

Music — Lead guitarist and singer for my college band - The Way Out

Sports — Play for the Football and Badminton College Team.