

Anurag Ghosh

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EDUCATION

IIIT HYDERABAD

B.TECH AND MS BY RESEARCH, CSE
Expected May 2018 | Hyderabad
GPA: 8.89/10 (4th semester)

DAV PUBLIC SCHOOL

Grad. May 2013 | Kota
Score: 92%

RESEARCH INTERESTS

Machine Learning
Image Processing
Computer Vision

COURSEWORK

Digital Image Processing
Statistical Methods in AI
Artificial Intelligence
Computer Graphics
Database Systems
Operating Systems
Algorithms
Data Structures

OTHER PROJECTS

Attendance Application Mobile-Server
Ecosystem
Processor Simulator And Assembler
Mini SQL Engine
TCP/UDP File Transfer Application
2D Carrom-like Game in OpenGL
OPTIX - A simple JS game on HTML5
Canvas
Simple Kernel with Keyboard Support

PROGRAMMING SKILLS

Proficient:

C++ • C • Python
Matlab • \LaTeX

Intermediate:

JavaScript • Java • Shell

Familiar:

• Android • PHP • SQL

LINKS

Github:// [anuragxel](#)
LinkedIn:// [anurag-ghosh](#)

EXPERIENCE

BOOST C++ LIBRARIES | SOFTWARE DEVELOPER - GOOGLE SUMMER OF CODE

May 2015 – Aug 2015

Worked on Document library which helps in automation of various tasks related to Excel/LibreOffice documents in C++. The library is cross platform and follows the Boost Library Standards. The codebase can be viewed [here](#)

IIIT HYDERABAD | TEACHING ASSISTANT

Jun 2015 - Present | Mathematics 1, Computational Thinking

Responsibilities as a TA include holding weekly lab/tutorial sessions and office hours to help with syllabus/assignments and grading exams.

IIIT HYDERABAD | PORTAL ADMINISTRATOR

Jul 2014 - Aug 2014 | Fresher Registration Portal

I was a part of a two member team which maintained the registration website during the whole registration process.

MAJOR PROJECTS

DYNAMIC STORY GENERATION | AUG 2015 – PRESENT

Prof. CV Jawahar, CVIT

The project involves dynamic generation of relevant stories for a tourist visiting a tourist place using location and video information received from a mobile phone in real time.

SCENE TEXT TRANSLATION APPLICATION | MAY 2015 - JUN 2015

Prof. CV Jawahar, CVIT and MIT Kumbhathon

Was part of a team which made an android application which translates sign boards to various Indian Languages for Nashik Kumbha Mela, India held in September 2015.

DISCRIMINATIVE BLUR DETECTION FEATURES | OCT 2015 - PRESENT

Prof. Vineet Gandhi, CVIT

The Digital Image Processing course project involves understanding and implementing the research paper by Shi et al, CVPR, 2014 which aims to build a feature set which enhances discriminative power and is adaptive to varying blur scales in images.

AUTOMATED ESSAY GRADING | SEP 2015 - PRESENT

Prof. Avinash Sharma, CVIT

The Statistical Methods in AI course project aims to automate essay grading by extracting suitable feature set from already graded essays and then modeling the data in a regression model to predict scores for ungraded essays.

ACHIEVEMENTS

2013-2014	On Dean's List for the first 3 Semesters for Exemplary Academics
2015	Runner Up, Microsoft Code.Fun.Do, IIIT-Hyderabad
2015-2016	Associate Editor, Ping! (College Magazine)
2015-2016	Member, Student Welcoming Body
2013-2014	Member, IIIT Students Parliament
2013-2014	Silver & Bronze Medals in College Level Athletics