Arun H Garimella

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EDUCATION

IIIT-HYDERABAD
BTech in Computer Science
Expected May 2019 | Hyderabad, India
Conc. in Algorithms

AECS MAGNOLIA MAARUTI PUBLIC SCHOOL
Grad. May 2015| Bangalore, India
Percentile : 95.8

NATIONAL PUBLIC SCHOOL
Grad. May 2013| Bangalore, India
Cum. GPA: 10

LINKS

Github: **kilimanjaro2**
YouTube: **kilimanjaro2**
Codeforces: **@kilimanjaro2**
(Highest Rating:1700)
Hackerearth: **kilimanjaro2**
Codechef: **kilimanjaro2**

COURSEWORK

Algorithms and Data structures
Formal Methods
Operating Systems
Artificial Intelligence + Practicum
Software Structure Analysis and Design
Computer Systems Organization
Computer Graphics + Practicum
Information Technology Workshop (1 2)

SKILLS

PROGRAMMING
Over 5000 lines:
Python • Shell/Bash • C++ • C
• LaTeX
Over 1000 lines:
JavaScript • HTML • CSS • R • Assembly
Familiar And Comfortable:
Matlab • Android • GIT • MySQL
•NoSQL •NodeJS
Graphics oriented:
•OpenGL •WebGL •Unreal Engine
•blender •solidity

EXPERIENCE

MICROSOFT RESEARCH INDIA Collaboration
December 2016 – Feb 2017 | Bangalore
- Worked with the Bing Translation team in Javascript and Python to implement a new framework to collect and improve automatic speech recognition of different Indian accents.

LIFECIRCLE INDIA Software Engineering Intern
Expected August 2016 – December 2016 | Hyderabad

- Worked on automating and improving the attendance module and added a live tracker. (Android and PHP)

CRYPTOGROW | Lead Blockchain developer
Jan 2018 – May 2018 | Hyderabad/Las Vegas
- Implemented all smart contracts(solidity) on the ethereum network.
- Used Solidity to implement DAOs and the backend.

PROJECTS

UNIX SHELL
- Created a unix shell in c from scratch.
- Implemented all common commands (eg. ls, cd pwd, etc).

ML ORIENTED
- Implemented a model to track eye gaze using Convolutional Neural Networks and shifted grids in PyTorch.
- Implemented kNNs, Decision Trees amongst others.

GRAPHICS ORIENTED
- Created multiple games using openGL (c++), webGL(js) and unreal engine
- Recognized as the amongst the best projects made.

NEUROIMAGING
- Working on multiple neuroimaging projects to better understand depression and other neuro degenerative diseases.
- Submitting results to OHBM and IJCNN conferences.

AWARDS

2017-2018	Qualified Top 20 (out of 6000)	ACM ICPC Gwalior
2016,2017	Coach (Team India @ IOL)	
2015	Represented India	Intl. Linguistics Olympiad
2014	Awardeee (Top 0.1%)	KVPY
2013	Awardee (Top 0.1%)	National Talent Search Exam
2013	2nd	Sudoku (South India U-18)
2013	$3^{rd}(10000 teams)$	TOI Quiz finals
2010-2017	Placed in top 3	multiple quizzes
2013-2014	Merit List (Top 1%)	All Olympiads by HBCSE

SOCIETIES AND INTERESTS

2016-	President	The TV Room Quiz Club
2015-	Interests	Number theory, Chess, Music
2015-	Interests	Competitive programming, Internet Privacy, Mining