Abhishek Gorisaria

Portfolio | Github | Linkedin
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EDUCATION

IIIT HYDERABAD
MTech in Computer Science Engineering
Present | Hyderabad, India
GPA: 8.17 / 10.0

IEM, WBUT
BTech in Computer Science Engineering
Aug 2017 | Kolkata, India
GPA: 8.83 / 10.0

COURSEWORK

Data Structure and Algorithm
Object Oriented Programming
Operating System
Database Management System
Computer Networks
Unix Tools and Scripting
Machine Learning + SMAI
Parallel Computing
Software Engineering
Information Retrieval & Extraction

SKILLS

LANGUAGES/FRAMEWORKS
• Java • Shell • Python
• C/C++ • Ruby on Rails
• MySQL

SOFTWARE TOOLS
• Git, Maven, NPM

OS/PLATFORMS
• Linux • Android • VS Code

ACHIEVEMENTS

Secured **20th Rank** in ACM Overnite Programming Competition at IIT Kgp
Secured **98.6%ile** in GATE
Secured **99%ile** in PGEE

INTERESTS

COMPETITIVE CODING
• Codechef - https://tinyurl.com/uk2cvmp
• Codeforces - https://tinyurl.com/vmnqh4j

EXPERIENCE

ALIEN BRAINS | Software Developer
Dec 2018 - July 2019 | Kolkata, India
• Developed, tested and maintained applications build on technology stack of Ruby on Rails.

COGNIZANT TECHNOLOGY SOLUTIONS | Programmer Analyst
Aug 2017 – Nov 2018 | Kolkata, India
• Implemented a competency resource management system using java, jsp & servlet for internal hiring of employees.
• Monitoring user-behaviour for breaking companies security policies and dividing them into categories using Information Security tool Data Loss Prevention.

PROJECTS

BARE NECESSITIES | Java, Gradle, Android, Firebase
Implemented a solution for finding daily essentials in the corona pandemic situation where finding daily needs are quite tough.

WIKI SEARCH ENGINE | Python, SAX Parser, Stemmer
Created a complete search engine by creating an Inverted Index on the Wikipedia Corpus (of 2018 with size 72 GB), that gives you top search result related to given query words.

GDRIVEFS | Mounting Google Drive as a FileSystem using fuse | python
Developed user-space python application that links against fusepy and maps the appropriate kernel calls to HTTP requests to Google Drive REST API and vice-versa

PEER TO PEER FILE SHARING SYSTEM | C++, Pthreads
Built a group based file sharing system with fallback synchronized multi-tracker system and parallel downloading along with log-in & log-out feature.

SHELL | C++
Implemented linux shell with an extensive feature set similar to that of BASH. Required knowledge of signals, pipes, process handling and various other system calls.

DRIVE SMART | Python, SVM
AI System to prevent driver from falling asleep for a threshold amount of time. Upon Detection alarm goes off. Used Haar Feature from images to detect eye closed or opened. SVM classifier was used for classifying images.

FACE EXPRESSION DETECTION | Deep Learning, CNN, Haar-Feature, OpenCV, sklearn, pytorch
Implemented the face expression detection algorithm using different approaches to see which one fits best.