Aman Garg

Student at Dr. B.R Ambedkar National Institute Of Technology

amangargcse@outlook.com

Languages

English	(Native or bilingual proficiency)
Hindi	(Native or bilingual proficiency)
German	(Limited working proficiency)

Skills & Expertise

Python
C++
C
Java
Android
Linux
Ruby
Haskell
Shell Scripting
JavaScript
HTML
MySQL
Git
Computer Networking

Certifications

Duolingo German Fluency: Intermediate (Estimated)

Duolingo   June 2015

Education

Dr. B.R Ambedkar NationalInstitute Of Technology

B.Tech, Computer Science and Engineering, 2013 - 2017

National Institute of Technology Jalandhar

Bachelor of Technology (BTech), Computer Science, 2013 - 2017

Activities and Societies: Inter-Year Baskteball

Central Board of Secondary Education

Projects

Data Structure Collection

November 2014 to December 2014

Members:Aman Garg

A collection of all data structures implemented in C with the ncurses library for aesthetic purposes. Shared libraries are used for dynamic linking between object files

Boolean Computations - Interaction Graphs

September 2015 to November 2015

Members:Aman Garg, Rahul Sethi

An attempt to model biological cells and their interactions as a directed graph and to study their properties. (JAVA) The base model comprises of getting the input in the form of (n) boolean functions. After studying functional decomposition of a function in respect to other given functions, model an interaction graph that depicts the flow between any two functions.   The interaction graph is further broke down into subsets which include the graphs with complete edges as well as the graph with at least a single cycle. The inputs are the combinations of n functions. Ulterior motive is to generalize the results for n functions.

Mess App

September 2015 to Present

Members:Aman Garg, Rahul Sethi, Swapan Mahajan, rajat prakash, Siddharth Jandial

- Working on an android application in a team for digitalising the college Mess. - Application will allow students to see there daily diet rates and there respective bills. - It will allow the mess manager to enter the details of student mess activities directly on the   database which will keep clear transparency between the students and mess administration. Technologies Used:- 1 .Database maintained using FireBase/Parse Server 2. XML coding for Designing. 3. Backend Coding using JAVA. 4. Android Studio

Implementation of Routing Information Protocol using POSIX Threads in C

November 2015 to Present

Members:Aman Garg

A mini project combining the network layer along with the low-level implementation in C. Goal was to emulate the working of routers within a network in a way such that any change in the network profile (addition of a new router, deletion of a router, failure of a link, re-establishment of the link) was propagated in a timely manner.

Mess App

October 2014 to Present

Members:Aman Garg, rajat prakash, Rahul Sethi, Swapan Mahajan, Siddharth Jandial

Working on a android application in a team of 5 students for digitalising the college Mess. - Application will allow students to see there daily diet rates and there respective bills. - It will allow the mess manager to enter the details of student mess activities directly on the database which will keep clear transparency between the students and mess administration. Technologies Used:- 1.Database maintained using JSON 2.XML coding for Designing. 3. Back-end Coding using JAVA. 4.Server programming- fireBaseServer

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Linked in ®

Contact Aman on LinkedIn