Sakshi Agrawal

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Indian Institute of
Information Technology, Nagpur

EDUCATION

Indian Institute of Information Technology, Nagpur   *2016 - 2020**
B.Tech in Computer Science and Engineering; GPA: (8.64/10)

High School   *2013-2015*
Senior Secondary (MPBSE); (93.2%)

Secondary School   *2007-2013*
Secondary (MPBSE); (95%)

INTERNSHIPS

Research Intern - Tata Research Development And Design Centre   Jul 2019 - Dec 2019

1. Generation of Verification conditions to check the logical correctness of C programs using CHC (Constrained Horn Clause).
2. Writing a C to CHC converter.

Intern Android Developer and Tester - The Aquarian Inventors   Dec 2018 - Feb 2019

An Android app using Android Studio with Database of user's information to provide help to farmers.Testing includes Manual and automation (Espresso) testing.

SELECTED PROJECTS

Bug Tracking System : In order to maintain the proper database of bugs generated in a project and to keep track of the project progress. It's a java project with servlets, sessions and MySQL database.

Hyderabad-bus-details : A Java Project using graph traversal algorithm to find the shortest path with MySQL database. It provides the top frequency buses between any given 2 locations based on sorted (least to highest) waiting time.

Fine Calculator App : Android App using Android Studio for Library management with SQL database to calculate fine for Institute Library.

TECHNICAL SKILLS

Programming Languages: C, C++, Java, Python
Query Language: MySQL
Operating Systems: Linux, Windows

COURSEWORK

Computer Programming, Data Structures, Discrete Mathematics, Compilers, Theory Of Computation, Object Oriented Programming, Database Management Systems, Operating Systems, Bio Informatics, Artificial Intelligence

ACHIEVEMENTS

1. Bagged 2nd position in drawing competition held by ICICI Bank in 2012.

2. Got "Sawrna Sharda Scholarship" from honorable "Baba Ramdev" and honorable CM of MP "Mr. Shivraj Singh Chauhan" for being district topper in HSC MP Board held by IBC24 news channel.

3. Selected for UDAAN Program in 2014.

CAMPUS ACTIVITIES

1. Decoration head for college events.

2. Art club head.