

Sakshi Agrawal

Graduated student

Department of Computer Science and Engineering

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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: (8.69/10)

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. 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.
2. Secured 3rd position in Inter IIIT Table tennis in 2019.
3. Selected for UDAAN Program in 2014.
4. Bagged 2nd position in drawing competition held by ICICI Bank in 2012.

CAMPUS ACTIVITIES

1. Decoration head for college events.
2. Art club head.