

ANAMIKA DAS

STUDENT

[+91-8108360394](tel:+918108360394) | das.anamika339@gmail.com | [Mumbai](#) (India)

Education

M.E in Computer Science with Specialization Information Security
BITS-Pilani Hyderabad Campus
CGPA- 6.7

Aug 2014-July 2017

Bachelor's in Mathematics
V.G. Vaze College, Mumbai University
CGPA- 6.0

Aug 2011-July 2014

Experience

Cisco Systems, Inc, Bangalore
Intern

Jan 2017-July 2017

Relevant Courses

1. Machine Learning
2. Advanced Design and Analysis of Algorithms
3. Software Engineering
4. Data Structures and Algorithms

Skill Sets

- **Languages:** C, C++, Python, Java
- **Technology:** QTSpim, OpenMP, SQLPlus, Vtunes, CPUSim, starUML, Verilog, Visual studio 2015, Azure Cloud Storage

Research Projects

BITS-Pilani Hyderabad Campus
Prof. Tathagata Ray

Sept 2016-Nov 2016

The paper finds a solution to count maximal points in the query rectangle in sub-logarithmic time. The project focuses on the study of the paper and implementing the paper (C++ code). It has significance in database systems with large amount of data where users specify the input query and execution is expected in minimal time.

Paper: <http://www.sciencedirect.com/science/article/pii/S1570866714000951>

Link : https://github.com/AnamikaD/Research_Project

Projects

Microsoft and Digital India Yoga Application

Aug 2015-Sept 2015

An application to provide comprehensive information on yoga, asanas and remedies. This was delivered as a part of the International Yoga Day for the Digital India initiative by PM N.M. Modi with collaboration from Microsoft. Worked with the Cloud Database System and maintenance of the database system. Learnt C# for the deployment of the Windows Application (Windows 10 Platform).

Link:

<https://drive.google.com/drive/folders/0B6O5O3fDqH3LNTdpb2M3dHhnZOU?usp=sharing>

Summer Term Project 2016

June 2016-July 2016

Study of ssh server and client creation with ganymed library in JAVA language.

The client code connects to the ssh server like OpenSSH with authentication and encryption and execute remote shell command like ls, diskinfo.

Summer Term Project 2015

June 2015-July 2015

Analysis and prevention of DOS (Denial of service) and DDOS attack.

Java Application

Aug 2015-Sept 2015

- GUI based Multi-Client Chat Application
- Student Course Registration Application with File Serialization
- Faulty Course Allocation Time-Table Application.

Honors & Activities

- 1st prize in Microsoft Hackathon 2015.
- Active Participation on online competitive coding websites-HackerEarth, Codeforces, HackerRank.
- Member of College computing club -Crux of BITS -Pilani Hyderabad Campus.
- Member of BITS-MUN.

Websites:

- Github - <https://github.com/AnamikaD>
- InterviewBit- https://www.interviewbit.com/profile/anamika_das
- HackerRank- <https://www.hackerrank.com/anamika07>