

Anamika Das

BITS-PILANI HYDERABAD CAMPUS
INDIA

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EDUCATION

BITS-PILANI HYDERABAD CAMPUS M.E in Computer Science and specialization in Information Security CGPA – 6.7	Aug 2014-17
V.G. VAZE COLLEGE (Mumbai University) B.Sc in Mathematics CGPA – 6.1	June 2011-14
ST. LAWRENCE HIGH SCHOOL (High School) Marks in Class 12-78.05%	March 2011
ST. XAVIER’S HIGH SCHOOL (Secondary School) Marks in Class 10-81.03%	March 2009

RELEVANT COURSEWORK

- Artificial Intelligence
- Machine Learning
- Data Structures and Algorithms
- Software Engineering
- Computer Networks
- Design and Analysis of Algorithms
- Operating Systems
- Advanced Computer Architecture
- Advanced Computer Networks
- Secure Software Engineering

SKILLS

Languages- C, C++,SQL

Tools/Framework- QTSpim, OpenMP, SQLPlus, Vtunes, CPUSim, Verilog, Visual studio 2015, Azure Cloud Storage, starUML.

RESEARCH PROJECT

BITS-PILANI Hyderabad Campus Sept 2016 – present

- Devise a data structure for (i) reporting and (ii) counting the maximal points in an axes-parallel query rectangle in sub-logarithmic time.

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/0B6O5O3fDqH3LNTdpb2M3dHhnZ0U?usp=sharing>

SUMMER TERM 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 2015

June 2015- July 2017

Analysis and prevention of DOS (Denial of service) attack. Deployed web DOS attack and window system DOS attack.

JAVA APPLICATION

Feb 2016- Feb 2016

GUI based multi client chat application and course registration application with file serialization.

HONORS & ACTIVITIES

- 1st prize- Microsoft Hackathon 2015
- Active Participation on online competitive coding websites-HackerEarth, Codeforces, HackerRank
- Member of College computing club –Crux of BITS -Pilani 2014-present
- Member of BITS-MUN 2014-15

RELEVANT LINKS

Github- <https://github.com/AnamikaD>

InterviewBit- https://www.interviewbit.com/profile/anamika_das