

SAMBHUTI PRAKASH

Junior Undergraduate B.Tech Student
Computer Science and Engineering
Shri Mata Vaishno Devi University, Katra

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sambhuti.prakash@gmail.com

ACADEMIC DETAILS

Year	Degree	Institute/ School	Percentage/ CGPA
2013-Present	B.TECH in Computer Science and Engineering.	Shri Mata Vaishno Devi University, Katra	7.51*/10 (on a scale of 10)
2011-2012	12 th AISSCE	Gyan Niketan School, Patna	89.2 %
2009-2010	10 th Board	Gyan Niketan School, Patna	9.6 CGPA (on a scale of 10)

OBJECTIVE

To pursue graduate studies in computer science and engineering, leading to a career in research. I am interested in computer vision and machine learning.

ACADEMIC PROJECTS

- **DTMF Controlled Electrical Appliances**
Computer Organization and Architecture

Dr. Ajay Kaul

Semester 4th, 2014

I used Dual Tone Multi Frequency to control the electrical appliances which allowed user to appliances.

remotely switch on/off electrical

- **Client Server Communication in UNIX using sockets**
System Programming

Dr. Ajay Kaul

Semester 5th, 2015

I used sockets to establish a two way communication between client and server which helped to send a request to the server and in turn server handled the request made by the Client.

- **Student Management System in Java using Swing**
Java Programming

Asst. Proff Anuj Mahajan

Semester 6th, 2015

I made a Student Management System in Java using Swing having login facility both for student and administrator which allowed the students and administrator to login and manage their accounts.

- **Library Management System in C++**
Java Programming

Asst. Proff Sanjay Sharma

Semester 3rd 2015

I made a Windows executable Library Management System using C++ which allowed the administrator to keep track of books and manage the accounts of students and teachers.

WORK EXPERIENCE / INTERNSHIPS

- **4 weeks HP Training Programme of Core Java**
 - Concepts of Object Oriented Programming and concept of Multithreading was
 - A Project on Voting System using Java

June'14-July'14

introduced

- **4 weeks HP Training Programme of PHP with MySQL**

June'15-July'15

- Training on how to develop websites using PHP , HTML and creating and managing database MySQL
- A Project on Online Polling System having login facility and instant Result Compilation using PHP, HTML and MySQL

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AREAS OF INTERESTS

- Structured Programming, Object Oriented Programming.
- Algorithms
- Machine Learning
- Web Development – Front end and Back end

COMPUTER SKILLS

- **Programming Languages:** Java, C/C++, Python, Lex, Yacc, PHP, MySQL, JavaScript, Html5, CSS3, Bootstrap3, ASP.NET
- **Software Packages:** Basic MATLAB, Auto CAD, OpenCV, Photoshop
- **Platforms:** Linux and Windows
- **Machine Learning Algorithms:** Logistic Regression, Random Forest, Neural Networks, XG-Boost

RELEVANT COURSES

- **Computer Science:** Image Processing, Parallel Programming, Computer Networks, Operating Systems, Theory Of Computation, Analysis and Design of Algorithms, Programming Languages, Computer Architecture, Discrete Mathematical Structures, Data Structures

ACADEMIC ACHIEVEMENTS

- Qualified for the onsite round of **ACM-ICPC Chennai Regional Contest 2015**, one of the largest Programming Competitions for Computer Science Students. Our Team was the only one to qualify from our University as well as from Jammu & Kashmir in year 2015.
- 1st position in Scriptor Event in Annual Technical Festival of SMVD University, Titiksha'14.

POSITIONS OF RESPONSIBILITIES

Creative Design Committee,
Resurgence
Annual Cultural Festival
SMVD University, 2014

Part of the Creative Design Committee of the Resurgence Team, Annual Cultural Festival, SMVD University

Branch Co-ordinator,
Titiksha
Annual Technical Festival
SMVD University, 2015

Branch Co-ordinator of School of Computer Science Engineering for Titiksha, Annual Technical Festival, SMVD University and managed all the technical events organised under CSE

REFERENCES

- KAUL AJAY , Assistant Professor , Director-in-charge , School of Computer Science & Engineering ,Shri Mata Vaishno Devi University , Jammu & Kashmir, India
Email: ajay.kaul@smvdu.ac.in
- SHARMA SANJAY , Assistant Professor , School of Computer Science & Engineering , Shri Mata Vaishno Devi University, Jammu & Kashmir, India
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