Bharat Singh

3rd Year B.Tech + M.Tech (Integrated) Student

Information and Communication Technology (major)

Bio–Informatics (minor)

Center for Converging Technologies, Univ. of Rajasthan, Jaipur
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Academic Details

Years	Degree	Institute	Perc.(%)/ CGPA
2015 - Present	Integrated Btech – Mtech in ICT and Bio-informatics (University of Rajasthan)	Center for Converging Technologies, University of Rajasthan, Jaipur (Raj.)	4.3/6.0 CGPA (till V sem.)
2014	Class XII (CBSE)	Jawahar Navodaya Vidhyalaya, Jojawar, Pali (Raj.)	88.2 %
2012	Class X (CBSE)	Jawahar Navodaya Vidhyalaya, Jojawar, Pali (Raj.)	8.8/10 CGPA

Objective

To pursue graduate studies in converging technologies, leading to a career in research. I am interested in machine learning, data science, neural networks, artificial intelligence and converging aspect of bio informatics in computer science.

Projects

1) Senior student information and Placement cell   -Abhilasha dangi, Assistant Prof.

March 2017 – May 2017

 -Project Leader

WAMP Course Project

Conceptualized new web 2.0 based IT services such as Interest Group Discussion Forums, Senior alumni Information and contacts, Campus Wiki, Project Database to allow easier collaboration, better information organization and formalizing undocumented technical know how. Designed intuitive user interfaces and work-flows for these services and customization then finally deploy these services in the institute.

2) Analytical Explanation for academic statistics   - Sept 2017 – Dec 2017

Independent Project

Microsoft Capstone Project

Scrapped, cleaned, formatted,combined and modeling of large amount of data . analyse and visualize said data, results and predictive power to optimize model selection.used several machine learning models on transactional data.

Conferences/Workshops Attended

- National Symposium on Cognitive science at IIT Guwahati, Assam on 16th – 17th March 2017.
  (Presented a Poster on " Thought Reading Device ")
- Workshop on Leadership and Advocacy at Lifelong Learning Dept., Univ. of Rajasthan on 25th – 30th sept 2017
- High Performance Computing at Techfest IIT Bombay on 26th – 28th Dec. 2016

Relevant Courses and Certificates

- Data structure and algorithm, linear algebra and differential equation, probability and statistical inference, discrete maths, software design/implementation, design/analysis of algorithm, statistical computing, quantum computing, functional programming Haskell , intro to machine learning, network analysis, artificial intelligence, parallel computing

- Bio informatics, molecular biology, omic science (genomics,proteomics,transciptomics,interatomic metabolomics in detail), cell biology, microbiology, metabolic engineering, biochemistry.

     *Courses to be done in spring 2019

Certificates -

  - Microsoft Professional program on data science.

 - Data science essential by Datacamp.

 - Introduction to python programming by codeacademy.

Extra-Curricular Activities

- **Programming Contests –** Actively participate in online programming contests on various online platforms.
- **Participated in Hackathon 4.0 on 19th – 20th march at Rajasthan IT Day.**

- **Participated at Tryst 2016 IIT Delhi –** inter college pen and paper based algorithm event.
- **Selected for Nationals in Football 2011-12 and Regionals in football 2012-13.**
- **Team member of winning team intercollege football meet 2016-17.**
- **Represented college table-tennis team at intercollege university games 2017-18.**

Skills

Computer skills -

- **Programming Languages –** Python, C/C++, Java, PHP, MySQL, Haskell, CSS, HTML, Git.
- **Software Packages and Tools –** Matlab, Microsoft Office tools, Azure ml Studio, datawrapper, Pubmed, Turbo C, Eclipse.
- **Platforms –** windows, linux

Professional and Leadership skills –

- Good Communication skills, Strong desire to learn and grow, Effective under pressure, teamwork.
- Served as **Student mentor** for first year students. Helped them get acquainted with the college studies and environment.
- **Project leader** of all intercourse project of information technology from 2015.

Personal Information

Name   : Bharat Singh

Father's name : Rajendra Singh

Gender   : Male

Date of Birth   : 05/02/1997

Phone no.   : +91 9636225266

Address   : S-5 siwar area, Krishna marg, Bapu nagar, Jaipur (Raj.)

Declaration

I hereby declare that the submitted information is true and authentic. I have not concealed any facts or information.

Bharat singh

Date – 02/06/2018

Place – Jaipur