

SHUBHAM JAROLI

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ACADEMIC DETAILS

Qualification	Institute/Board	Year	CGPA/%
Integrated Post Graduation (B.Tech +M.Tech) in Information Technology	ABV-Indian Institute of Information Technology and Management, Gwalior	2019*	8.22/10.0
Higher Secondary Examination	Central Academy Senior Secondary School, Udaipur (CBSE)	2013	92.60
Secondary Examination	Central Academy Senior Secondary School, Udaipur (CBSE)	2011	10.0/10.0

*Expected year of graduation, CGPA till 6th semester.

AREAS OF INTEREST

- Data Analysis, Web Development, Data Structures and Algorithms.

TECHNICAL SKILLS

- Data Structures and Algorithms
- Programming Languages- C, C++, Python
- Operating Systems- Linux, Windows
- Web Scripting languages- HTML, CSS, JavaScript
- Web Frameworks- Django, Bootstrap, JQuery, JSON, AJAX
- Databases- MySQL, MondoDB
- Tools- Git, \LaTeX , NumPy, Pandas, Adobe Photoshop, Anaconda, C++ STL

PROJECTS

- **Hospital Readmission Prediction of Diabetic Patients using Deep Neural Networks** (B.Tech Thesis Project) (May-July 2017)
 - Worked extensively to build a Recurrent Neural Network (RNN) model to predict the hospital readmission possibilities of diabetic patients on non sequential data.
 - Compared accuracy given by RNN model with classic models like Support Vector Machine , Random Forest and two-layer simple neural network model.
 - **Tools:-** Python, Scikit-Learn, Tensorflow.
- **One-4-All** (Start-Up Project) (January-March 2017)
 - Two way event management website which acts as an interface between consumers and providers.
 - **Tools:-** Python/Django, REST API, Bootstrap, Java Script.
- **shorten-it** (Self-Learning Project) (December 2016)
 - A URL shortening service based on the concept of Bitly.com which shortens any long URL or link to randomly generated string.
 - **Tools:-** Python/Django, Bootstrap, Java Script.
- **Let-Us-Blog** (Self-Learning Project) (October-November 2016)
 - A blogging website having commenting, liking, log-in and image uploading facilities.
 - **Tools:-** Python/Django, Bootstrap, Java Script, Crispy Forms.

EXPERIENCES AND POSITIONS OF RESPONSIBILITY

- Core team member of Abhigyan Abhikaushlam Students' Forum (AASF) at IIIT, Gwalior

- Worked as hIQ coordinator as well as technical head. My responsibilities included conducting both technical events (tutorial Sessions on various technical topics and programming contests) and managerial events.
- **Vice-President of Social Welfare Club- Rotaract Club of Youth (RCoY) at IIIT, Gwalior**
 - Organized various cloth donation camps, weekly educational program for poor people and children of nearby slums and orphanage named **Shanti-Niketan**.
- **Head of Event Management Team in National Level Techo-Managerial Fest INFOTSAV'16 held at IIIT Gwalior**

PUBLICATIONS AND ACHIEVEMENTS

- **Research Paper entitled "RECURRENT NEURAL NETWORK WITH NON SEQUENTIAL DATA TO PREDICT HOSPITAL READMISSION OF DIABETIC PATIENTS" accepted at International Conference on Computational Biology and Bio-informatics (ICCB) 2017 at New Jersey, USA and to be published in ACM digital library.**
- **1st Prize in Case-Study Contest and Brand-Aid Competition organized by students' forum, AASF.**

EXTRA CURRICULAR ACTIVITIES

- **Content editor and designer of annual magazine of institute: ABHISHAR.**
- **Member of Organizing Committee of Institute Industry Interaction (III)'17 conducted to facilitate communication between the industry and academia at IIIT, Gwalior.**
- **Student Volunteer of Corna, Rock-Band Competition in Annual Cultural Fest of institute: AURORA-2K15.**
- **Organized Blood Donation Camp at institute.**
- **Took part in various literary and oratory events like GD, JAM, Case Study contests, BIT quiz organized by students' forum, AASF.**

PROFILE LINK

- **LinkedIn:** <https://www.linkedin.com/in/shubham-jaroli-47302bb6>
- **Github:** <https://github.com/19shubham>