

NAUSHEEN KHILJI

(Assistant Professor, Computer Science & Engg
Jodhpur National University)

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ACADEMIC QUALIFICATION

DEGREE / CLASS	UNIVERSITY / BOARD	ALMA MATER	PASSING YEAR	%
M.Tech (Computer Sc. Engg)	Jodhpur National University (JNU), Jodhpur	Faculty of Engg. & Technology	2013- 2015	73.25
B.Tech (Computer Sc. Engg.)	Rajasthan Technical University, Kota	Jaipur Engineering College (JEC – Kukas), Jaipur.	2012	70.10
XII Std. (Senior Sec.)	Central Board of Secondary Education (CBSE)	Central Academy Sr. Sec. School, Hiran Magri, Udaipur	2008	68.40
X Std. (Secondary)	Central Board of Secondary Education (CBSE)	Kendriya Vidyalaya No.2, Udaipur	2006	74.80

TECHNICAL SKILLS

Type	Command Over	Acquaintance
Languages	C, C++, Java-jdk7	Web-Technologies (Virtual Reality/Augmented Reality) Python, Shell Scripting, SQL, PostGres, LaTeX.
Software	Eclipse(Juno), LyX	Hadoop(0.20.2, 2.6.0), OpenCV-2.4.9, Xilinx ISE 6.
Platforms	Ubuntu14.10, MS-Windows 7.	CygWin(UNIX), MS Windows (95/98/ XP/Vista).

WORK EXPERIENCE –

II. Employer	Jodhpur National University		Duration = Jan, 2015 – Feb, 2018, (2yrs, 7 months) Full Time
Location	City = Jodhpur	State = Rajasthan	Street Address: Jhanwar Road, Village Narnadi, Near Boranada, 342002
Designation	- Guest Faculty (2015, January – July) - Asst. Professor (2015, July onwards)		
Responsibilities	Entitled to Lecture Foreign and National students, Organize Technical activities		

I. Employer	Anand Bharti Care & Development Society, NGO		Duration = 2012-2013 (9 months), (Full time)
Location	City = Jaipur	State = Rajasthan	Street Address: 99, Moti Nagar (West) Queens Road, 302021
Designation	Technical Administrator		
Responsibilities	Under Social Responsibility: Office Management , Event coordination, Support for C.S.R. teams, National/International delegates and Projects monitoring in collaboration with “Development+Entwicklung für alle”, Rothenburg, Switzerland.		

- Research topic: **Literature Review of Big Data Technologies.**
- Supervisor: Asst. Professor Shrawan Ram, M.B.M. Engineering College, Jodhpur.

PAPER– PUBLICATION:

HaarFilter: A Machine Learning Tool for Image Processing in Hadoop, International Journal for Technological Research in Engineering, ISSN (online): 2347- 4718, Vol 3, Iss 1, Sept 2015.

PUBLICATIONS

- [1] *Inceptive Security Administration (ISA) in Hadoop*, IEEE Conference, INDIACom2018-Computing for Sustainable Global Development, Bhatiya Vidyapeeth, New-Delhi, Mar 2018
- [2] *Validation Lamina for Maintaining Confidentiality in Hadoop*, IEEE Conference, SMART-2017, TMU, Moradabad, Dec- 2017.
- [3] *Comparative Study of Interconnect Network On Chip Topology In Multicore Processors*, IEEE Conference, ICICIC – 2017, Medicaps University, Indore, August 2017
- [4] *Ultra Sapiant Inference Engine*, IEEE Conference, INDIACom2016-Computing for Sustainable Global Development, Bhatiya Vidyapeeth, New-Delhi, Mar 2016.
- [5] *Preventing Unauthorized Access in Hadoop Distributed File System*, National Conference, COPIC'15-Analytical Computing and Big Data Analytics, M.B.M. Engg College, Jodhpur, Dec 2015.
- [6] *Authentication Layer For Privacy Governance In Hadoop*, National Conference, COPIC'15-Analytical Computing and Big Data Analytics, M.B.M. Engg College, Jodhpur, Dec 2015.

TECHNICAL CONFERENCES/WORKSHOPS

- Co-organiser and active member from last three years, Technical events by Google Developers Group Jodhpur community since 2015.
- Scientific Committee Member and Website Developer for Technical Conferences, SDTechnocrates.com for ETEBMS-2016 and ETEBMS-2017 series.
- Lead, Women Techmakers Jodhpur Community supported by Google since 2017.
- Tutor, National Conference, COPIC'15-Analytical Computing and Big Data Analytics, M.B.M. Engg College, Jodhpur, Dec 2015

KEY ACADEMIC PROJECTS

- **HaarFilter: Human Face Detection from Image Data in Hadoop**, (M.Tech- Dissertation), Under supervision of Mr. Shrawan Ram, MBM Engineering College, Jodhpur, in 2015
Technical Description: Java archive based tool for Hadoop to processes image data of JPEG/PNG format for human face detection, HIPI framework & Haar Cascading machine learning technique used by OpenCV library.
- **Eco-Friendly Examination System**, (B.Tech - MAJOR), www.nausheen.tk/eco/index.html
Under guidance of Mr. Sultan Singh, Jaipur Engineering College, in 2012
Technical Description: Web App using JAVA-jdk1.6.0(Glassfish JAVA EE 6 SDK), Wireless USB port working with Pen mouse working on Windows 7 platform.
- **Encryption & Decryption in Ad-hoc Networks** (B.Tech - MINOR),
Under the guidance of Mr. Satyabrata Roy, Jaipur Engineering College, in 2011

Technical Description: Network Simulator 3.12.1, ad-hoc C++ program with Python bindings for different packet RSS (Received Signal Strength). Simple Data Encryption Standard (SDDES) Algorithm using 10-bit key with 8-bit of cipher was implemented for given input file.

INTERNSHIP/TRAINING

- **30 Days - “Geo-Network: Catalog Application for Spatial Resources”** – , supervised by Scientist K.S. Srinivansan & Scientist Manoj Joseph, (ISRO), Remote Sensing Area, Cazri Campus, Jodhpur (Raj), in 2011.
Technical Description: Glassfish JAVA EE 6 SDK, Apache Maven 2.0.8, Eclipse Indigo 3.7, Geoserver 2.1.1, Reference implementation of Open Geospatial Consortium (OGC), Web Feature Service (WFS) & Web Coverage Service (WCS) & high performance certified compliant Web Map Service (WMS).
- 6 months Nano degree certification by Udacity supported by Google for “**Mobile Web Specialist Track**” from Feb -2018 to Nov 2018.

ACHIEVEMENTS

- Awarded Scholarship by **Google India Challenge Scholarship** under top 150 developers for 6 month Nano-Degree degree course under **Mobile Web Specialist track**, Feb 2018.
- Appointed as youngest Head of Department of Computer Science Engineering, Jodhpur National University, in year 2017.
- Recognized and Chosen among top 30 **Women Techmakers** active Lead at Google Developers Day Conference, Bangalore, Dec 2017.
- Leading first women inclusive community in India to develop virtual reality experience directly on web browser with 360 degree view. News Covered by ‘Dainik Bhaskar’ and ‘The Hindu’.
- Invited as Chief Guest at Aryabhata College of Engineering, Ajmer, as speaker on Entrepreneurship and Skill Development, April 2017. News Covered By Rajasthan Patrika
- Lead Organizer with Google Developers Group Jodhpur, awarded as best community in Asia by Google Developers Summit in Colombo (Sri-Lanka), in 2014.
- Certified as *Outstanding* performer by ISRO, **Geo-Network: Catalog App. for Spatial Resources**, in 2011.

REFERENCE:

- Mr. Shrawan Ram – balachpooanam@yahoo.com, Asst. Professor, M.B.M. College Jodhpur.
- Prof. D.K. Mehta – dkmjdr@yahoo.co.in, Dean (Faculty of Engg. & Technology), J.N.U.