

CURRICULUM VITAE

SAJID YOUSUF BHAT (PHD)

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Objective	To progress in the learning domain with an aim of utilizing my academic and research expertise to impart and gather education for contributing to the academic excellence of an institution and its members.				
Achievements	<ul style="list-style-type: none"> • Completed Ph.D. (Computer Science) from the Department of Computer Science, Jamia Millia Islamia (A Central University), New Delhi-25, India, in August 2014. • Qualified UGC-NET December 2012 under roll number 17873268 with 64% marks. • Awarded Research Fellowship in Science for Meritorious Students (2010-13) by UGC, Govt. of India. 				
Teaching Experience	S. No.	Position	Institution	From Date	To Date
	1.	Assistant Professor	Deptt. of Computer Sciences, University of Kashmir	15 Feb, 2017	Till date
	2.	Assistant Professor	Govt. Degree College(Boys) Baramulla	04 Jan, 2017	14 Feb, 2017
	3.	Assistant Professor (Contractual)	Central University of Kashmir	18 Sept,2014	31 Dec, 2016
	4.	Assistant Professor (Adhoc)	University of Delhi	02 Jan,2014	04 Sept, 2014
	5.	Teaching Assistant (Against Fellowship)	Jamia Millia Islamia	01 July, 2010	31 Dec, 2013
Research Publications	<p><u>Papers in International Journals:</u></p> <ol style="list-style-type: none"> 1. Bhat, S. Y. & Abulaish, M. 2015. HOCTracker: Tracking the evolution of hierarchical and overlapping communities in dynamic social networks. <i>IEEE Transactions on Knowledge and Data Engineering</i>, 27.4: 1019-1013. 2. Bhat, S. Y. & Abulaish, M. 2013. Analysis and Mining of Online Social Networks – Emerging Trends and Challenges. <i>WIREs Data Mining and Knowledge Discovery</i>, 3(6):408–444. Wiley. 3. Bhat, S. Y. & Abulaish, M. 2014. OCMiner: A Density-Based Overlapping Community Detection Method for Social Networks. <i>Intelligent Data Analysis</i>, 19(2):917-947, IOS Press. 4. Bhat, S. Y. & Abulaish, M. 2014. Using communities against deception in online social networks, <i>Computer Fraud & Security</i>, 2014(2), pp. 8-16. Elsevier. ISSN 1361-3723. 5. Abulaish, M & Bhat, S. Y. 2015. Classifier Ensembles Using Structural Features for Spammer Detection in Online Social Networks. <i>Foundations of Computing and Decision Sciences</i>, 40.2: 89-105. <p><u>Book Chapters:</u></p> <ol style="list-style-type: none"> 1. Abulaish, M. & Bhat, S. Y. 2014. A density-based approach to detect community evolutionary events in online social networks. In <i>State of the Art Applications of Social Network Analysis</i>. Can, F., Özyer, T., Polat, F. (editors). Springer International Publishing. 189-208. 2. Bhat, S. Y. & Abulaish, M. 2017. A Unified Framework for Community Structure Analysis in Dynamic Social Networks. In <i>H. Banati et al. (eds.), Hybrid Intelligence for Social Networks</i>. Springer International Publishing. (to appear). 				

Papers in International Conference Proceedings:

1. **Bhat, S. Y. & Abulaish, M.** 2012. A density-based approach for mining overlapping communities from social network interactions. In *Proceedings of the 2nd International Conference on Web Intelligence, Mining and Semantics*. p. 9. ACM.
2. **Bhat, S. Y. & Abulaish, M.** 2012. OTracker: A Density-Based Framework for Tracking the Evolution of Overlapping Communities in OSNs. In *Advances in Social Networks Analysis and Mining (ASONAM), 2012 IEEE/ACM International Conference on*. pp. 501-505. IEEE.
3. **Bhat, S. Y. & Abulaish, M.** 2013. Overlapping Social Network Communities and Viral Marketing. In *Proceedings of 2013 International Symposium on Computational and Business Intelligence ISCB'13*, New Delhi, India, pp. 242-246. IEEE Computer Society.
4. **Bhat, S. Y. & Abulaish, M.** 2013. Community-based features for identifying spammers in online social networks. In *Proceedings of the 2013 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining*, pp. 100-107. ACM.
5. **Bhat, S. Y., Abulaish, M., & Mirza, A. A.** 2014. Spammer classification using ensemble methods over structural social network features. In *Proceedings of the 2014 IEEE/WIC/ACM International Joint Conferences on Web Intelligence (WI) and Intelligent Agent Technologies (IAT)-Volume 02* .pp. 454-458. IEEE Computer Society.

Projects

1. **Remote Home Surveillance System (Eagle Eye) – MCA Final Semester Project**
 - Client-Server model based system.
 - Client runs on a Java enabled mobile phone.
 - Server runs on a PC attached with a motor/camera assembly.
 - Server captures live video from the camera and sends it frame by frame to the client.
 - Client displays the real-time images on the mobile screen.
 - Client on the mobile phone can send control commands to the server like zooming, recording, moving the camera direction.
 - Allows *motion detection* and *object tracking*.
 - Developed using Java programming language.
2. **Operating System (3+haiOS) – BCA Final Year Project**
 - Single task, Command line operating system.
 - Developed using x86 assembly and C.
 - Using tools like NASM, JLOC, and Turbo C compiler.
 - Consists of a FAT12 Bootstrap and a single kernel/shell file.
 - Follows monolithic architecture.
 - Consists of not more than 20 basic commands.

Education

DEGREE	UNIVERSITY/ COLLEGE/BOARD	SESSION	PERCENTAGE
Matriculation	JK BOSE	2000-2001	63%
H Sc. II	JK BOSE	2002-2003	67%
BCA	University of Kashmir	2003-2006	62%
MCA	University of Kashmir	2006-2009	74%
Ph.D. Course Work	Jamia Millia Islamia	2010-2011	63%

Research Interests	DATA MINING Social Network Analysis <ul style="list-style-type: none"> • Community detection and community evolution • Spam/Spammer Detection • Business Intelligence (Viral Marketing) • Image Processing 	
Teaching Interests	Current: Data Mining, Embedded Systems, Web Designing and ASP.NET, Image Processing, Computer Graphics, Assembly Language Programming Preferred: Data Mining, Data Structures, Operating Systems, OO Programming Languages, Networking, DBMS, Computer Organization and Architecture.	
Technical Skills	Platforms Programming Languages DBMS Web Technology Other Tools	Windows, Linux C/C++, Java/J2ME, Visual Basic, x86 Assembly, C# Oracle, MySQL HTML, ASP .NET, Java and VB Scripting Rapid Miner, WEKA, MATLAB, Visio, NWB, Gephi, Proteus, Mathematica
Personal Details	Father's Name Mother's Name Date of Birth Gender Marital status Nationality Languages known Passport No. Birth Place Permanent Address Telephone Number	Mohammad Yousuf Bhat Hanifa Akhtar February 23, 1985 Male Single Indian English, Urdu, Kashmiri H9031024 Srinagar, Kashmir House No. 572, Lane No. 5, Shabab Gali, Umer Coloney B, Lalbazar, Srinagar, J&K, 190011. +91-9906951915
Strengths	<ul style="list-style-type: none"> • Professional academic attitude. • Creative and hardworking. • Passion for excellence 	
References	1) Dr. Muhammad Abulaish Associate Professor & Head Department of Computer Science, South Asian University, New Delhi, India E-mail: abulaish@ieee.org 2) Prof. A. M. Wani Professor, Dept. of Information Technology, Central University of Kashmir, Sonwar, Srinagar-04 E-mail: amwani011@yahoo.co.uk 3) Prof. Khurram Mustafa Professor, Dept. of Computer Science, Department of Computer Science, Jamia Millia Islamia University, New Delhi-110025, India E-mail: kmfarooki@yahoo.com	

Declaration:

I Sajid Yousuf Bhat hereby declare that the details mentioned in this CV are true to the best of my knowledge, belief and nothing has been concealed or misrepresented.