

Kavita Kumari

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ACADEMIC PROFILE: Bachelor of Technology in Computer Engineering, Computer, Zakir Hussain College of Engineering and Technology, Aligarh Muslim University (A.M.U), Aligarh, CGPA: 8.9. Pursuing Doctoral of Philosophy in Computer Science, The University of Texas At San Antonio from Fall 2016 GPA: 3.66.

TECHNICAL SKILLS:

- Programming Languages: C, C++, Java, Shell Scripting, Assembly Language, SQL, HTML, CSS, PHP
- Other Software: Cisco Packet Tracer, Boson Netsim, wampserver, Visual studio, MY SQL Server, Microsoft SQL Server, VMware, Adobe Photoshop, Eclipse, NetBeans.
- Operating Systems: Windows, Linux

TRAINING & PROJECTS:

- Designing effective defense mechanisms to prevent malicious applications from stealing private user data from zero-permission sensors is still an open problem. So, I am trying to model and analyze the interactions between the defense mechanism and mobile applications using the signaling game.

August 2018 – Continue

Teaching Assistant

August 2016 - Continue

- Data Structures
- Introduction to Computer Programming I and II
- Discrete Math Structures
- Systems Programming

Beyond Text Q/A

August 2014- March 2015

Multimedia Answer Generation by Harvesting Web Information

- An application that can enrich textual answers in CQA (Community Question Answering) with appropriate media data.
- It automatically determines which type of media data should be added to the textual answer.
- It is built on community contributed answers, thus can deal with more complex questions.

Database Auditing

August 2013 – Dec 2013

- Database audit is a professional database auditing solution.
- Enables tracking and analysis of any database.
- DB automates the collection and review of security events for all major database systems running on different platforms.

INTERNSHIP:

HEWLETT PACKARD, Bhopal, India

June 2014 -July 2014

Undertook detailed study of:

- Different network designs
- Different networking protocols like RIP, IGRP, EIGRP, OSPF, VLANs, VTP, access- lists, DNS, DHCP, NAT, PAT, and BGP.

- Routing, switching, etc.

SCHOLASTIC ACHIEVEMENTS

- Recipient of the Open Cloud Endowment Fellowship.
Fall 2017

Workshop and Seminar

- Participated in Hacktrack workshop by “Sunny Vaghela” Zakir Hussain College of Engineering and Technology A.M.U. Aligarh.(2012).
- Attended the workshop of A.M.U. Roboclub Zakir Hussain College of Engineering and Technology A.M.U. Aligarh.(2011)
- Participant, Reform’n’ation- A challenge to lead India. Techfest 2014, IIT Bombay, Mumbai, India.
- Participant of RIO water saving drive by UN (2013) MIC
- Participated in the College of Science workshop, UTSA, Fall 2016

HOBBIES:

- I love travelling and photography.
- I enjoy reading novels.