Sana Mateen

Hyderabad, Andhra Pradesh - Email me on Indeed: indeed.com/r/Sana-Mateen/67eba77c26f70ca3

Seeking an entry level position in Information Technology where my skills and knowledge will be utilized.

WORK EXPERIENCE

Assistant Professor

BHOJ REDDY ENGINEERING COLLEGE FOR WOMEN - Hyderabad, Andhra Pradesh - June 2016 to Present

I have taught SCRIPTING LANGUAGES in BHOJ REDDY WOMENS ENGINEERING COLLEGE for one semester.
PROJECT PROFILE
Title: Secure and Efficient Privacy
Preserving Mechanism for Micro-Data
Client side script: JQuery
Server side script: JavaServerPages
Web server: Tomcat 8.0
Integrated Development Environment: NetBeans 8.1
Platform: Windows 8
Description:
This project aims at providing individual privacy for patient records available online in a surveillance portal. It also facilitates citizens to be aware of a disease outbreak and guides them on what preventive measures and antibiotics to be taken in order for disease prevention. Entire patient record is uploaded by hospital which is anonymized by the admin of the portal and later on it is made public so that epidemiologist can suggest the preventive measures and decision on isolating the place if number of affected person exceeds certain limit.
ACADEMIC ACHEIVEMENTS:
The paper entitled "SECURE AND EFFICIENT PRIVACY PRESERVING MECHANISM FOR MICRODATA" has been published in International Journal of Scientific Engineering and Technology Research.

EDUCATION

M.Tech in Computer Science

Shadan Women's College of Engineering and Technology
2015

B.Tech in Information Technology

Shadan Women's College of Engineering and Technology
2012

Mathematics, Physics & Chemistry

Sri Vani Junior College
2008

SSC

Oxford High School
2006

SKILLS

Html (1 year), Css (2 years), Javascript (2 years), JSP (2 years), MYSQL (1 year), Photoshop (2 years), Servlet (2 years), Perl (Less than 1 year), Python (Less than 1 year), PHP (1 year), Sql (1 year)

PUBLICATIONS

SECURE AND EFFICIENT PRIVACY PRESERVING MECHANISM FOR MICRO DATA

http://ijsetr.com/uploads/213654IJSETR5018-573.pdf

June 2015

: Access control mechanisms protect sensitive information from unauthorized users. However, sharing of sensitive
information might lead to identity disclosure. A Privacy Protection Module (PPM) uses suppression and generalization of
relational data to anonymize and satisfy privacy requirements, e.g., k-anonymity and l-diversity, against identity and attribute
disclosure. In this paper, we propose an accuracy-constrained privacy-preserving access control framework where in the access
control policies define selection predicates available to roles while the privacy requirement is to satisfy the k-anonymity or ldiversity.
An additional constraint that needs to be satisfied by the PPM is the imprecision bound for each selection predicate.
Although several algorithms have been proposed for anonymizing the data, to the best of our knowledge, the problem of
satisfying the accuracy constraints for multiple roles has not been studied before.

ADDITIONAL INFORMATION

TECHNICAL SKILLS
Operating System: Windows
Programming: C, Core Java
Database: MYSQL, SQL-SERVER
Web Designing: HTML, CSS, JavaScript, PHP, PERL, PYTHON, JSP,
Servlets
Others: MS Office, Adobe Photoshop