

Chandrima Sarkar

Citizenship : Indian • Date of birth : 11th February 1985

Contact

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Address

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Profile

Objective I am seeking a position within the Data Mining and Biotechnology Organization
Availability From May 2011

Key Skills

Proficient or familiar with a vast array of programming languages, concepts and technologies, including:

C++, C, Java	TeraData, Actionscripts	Windows, UNIX,	Data Mining ,
Python, PHP, JavaScript	SQL Server, MySQL	Oracle	Bioinformatics

Education

2011 to 2009	Masters in Computer Science (May 2011) SCHOOL NAME, Montana State University	Current GPA - 3.88/4.0
2003 to 2007	Bachelors of Technology in Computer Science SCHOOL NAME, West Bengal University of Technology , India	GPA – 8.02/10

Work Experience

Montana State University Advanced Java , Data Structures and Algorithm ✓ Assist in Labs , Grade papers	Teaching Assistant August 2009 to May 2011
Montana State University NASA Funded project Virtual Solar Dynamic Observatory (VSO) ✓ Worked with CBIR systems that can recognize, quantify and catalog phenomena and events from all the space based and ground based observatories accessible through VSO.	Research Assistant June to August, 2010
Cognizant Technology Solutions Oracle , SQL, Teradata, ✓ Worked in Data Warehousing and Business Intelligence	Full Time – Programmer Analyst November 2007 to July 2009
WEBEL , ISP Application research project funded by Department of IT, Ministry of communications and Information Technology, Government of India ✓ Implementation of Ethernet over Co-axial cable	Internship August 2007 to November 2007

Academic Research , Publications and Project

- Using Taxonomies to Perform Aggregated Querying over Imprecise Data” has been accepted in ICDMW '10 (Domain Driven Data Mining). Atanu Roy , **Chandrima Sarkar** , **Rafal A Angryk**
<http://datamining.it.uts.edu.au/dddm/dddm10/index.php/accepted-papers>)
- Worked as RA in Montana State University for the NASA funded research work – Virtual Solar Dynamics Observatory (VSO). ([NASA Grant Award No. 08-SDOSC08-0008, funded from NNH08ZDA001N-SDOSC: Solar Dynamics Observatory Science Center solicitation](#))

- Worked on a research under Dr. Angryk titled “Using Gaussian Hypothesis to perform constraint driven clustering”. Our aim is to develop an algorithm which eliminates the need for pre-defining constraint parameters.
- Have done research work during the spring 2010 semester under Dr. Mumey in Bioinformatics – “The effect of erroneous Data over the Haplotype Inference models and a probable Solution for it”. We are currently working on the paper.
- Has worked on a research program in Data Mining under Prof. Uttam Kumar Sarkar (Indian Institute of Management Calcutta, Department of Management Information Studies). It deals with researching and verifying techniques regarding various ways of classification and clustering of data and verifying the various methods of classifying a dataset.
- Has done final year project during my undergraduate education was the development and implementation of a disaster detection system “DiSolve v1.0”. In its present format DisSolve has the ability to detect 216 disasters.

Certifications

Oracle9i PL/SQL Developer Certified Associate

Achievements and Interests

Achievements	Distinction in Science Olympiad
Hobbies	Cooking , Graphology , Semi Classical Dancing
Sports	Tennis , Basketball , Cricket

Languages

Hindi , Bengali (native)

English (fluent)

German (basic)