PATHIK SHARMA

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EDUCATION

MASTER IN SCIENCE, COMPUTER SCIENCE
State University of New York, Stony Brook, NY, USA | Dec 2014*

BACHELOR IN ENGINEERING, COMPUTER ENGINEERING
Gujarat Technological University, GJ, India | Awarded Scholarship for Outstanding result | June 2012

SKILLS

Programming, Packages and General
C, Java | Adobe flash CS5, HTML, CSS, PHP, .NET, Photoshop | Oracle 9i & 10g, MYSQL, SQL *Plus | MS Office, Windows Platform, Analytical problem solving.

PROJECT EXPERIENCE

PROJECT INTERN — MAY 2011 – JUNE 2012
Virtual Geo-Tech Lab | Indian Institute of Technology, India
Used Adobe Flash and Photoshop for projection of 2D and 3D simulation that helps student to better understand and perform various experiments. Worked towards developing a web-based simulator for Geo-Tech experiments using PHP.
Seminar Given: Web Design and Development

Occam's Algorithm | Indian Institute of Technology, India
A research project which includes a descriptive study of Occam's razor and its application: Spectral Analysis of Surface Waves to understand soil profile along with its simulation in MATLAB.

WEB DEVELOPER
Online Incubation Platform | Indian Institute of Management, India
A web-platform for aspiring entrepreneurs, small and medium size business wherein they will meet investors and venture capitalists. Used Adobe Flash and .NET for Front end Design and MYSQL as database.

ACADEMIC EXPERIENCE

TUTOR — OCT 2013 – CURRENT
Stony Brook University: Computer Science Department, NY, USA
Course Taught: Discrete Mathematics (CSE 215)
Help solving doubts, completing assignments and practice quizzes to help student prepare for exams.

LECTURER — MARCH 2013 – AUGUST 2013
Government Polytechnic for Girls, Ahmedabad, India
Courses Taught: Database Management System, Computer Organization and Architecture.
Worked as Verification Officer in *Gujarat State Admission Committee* and Officer In-charge in *Gujarat State Technical Examination Board*

VISITING LECTURER — JULY 2012 – FEB 2013
Vishwakarma Government Engineering College, Gandhinagar, India
Courses Taught: Mobile computing, Compiler Design.
Seminar Given: Cloud Computing and its Future.

CERTIFICATIONS

- Oracle 9i: Introduction to SQL and DBA-1 | *ORACLE UNIVERSITY*
- Introduction to DBMS | *STANFORD UNIVERSITY*
- Advanced Power Searching | *GOOGLE*
- IBM Career Education Technical Quiz | INTERNSHALA

PUBLICATION

- Sharma, P. & Srivastava, K., "OPINIONS ON OPINION MINING: A SURVEY." International Journal of Advanced Research in Computer Science and Electronics Engineering (IJARCSEE), 2.10 (2013): pp.: 684-689.

VOLUNTEER EXPERIENCE

- Volunteered as a reviewer for National Level Innovation Awards GYTI – *2013* organized by IIM-A and SRISTI where by 43 projects were selected out of 1840 nominated projects across the nation.
- Extended support and conducted Youth Awareness Sessions for an International NGO *Aajeevika Bureau* who provides Solutions, Security and Support to rural migrants.