DEEPAK NERALLA

Phone: 815.546.2427   **Email:** neralla2@illinois.edu

EDUCATION:

Masters in Computer Science (August 2012 onwards**)**
University of Illinois at Urbana Champaign
B.Tech in Information Technology (2006 - 2010)
Indian Institute of Information Technology (IIIT), Allahabad
CGPA: 8.23/10

WORK EXPERIENCE:

1) **University Of Archives , UIUC**
   Web Developer (Aug2012-present)
   Archive Space and myKive
   (Application to manage descriptive information archives,manuscripts,digital objects and personal feeds)

2) **Oracle India Pvt. Ltd**
   Member Technical Staff (July 2010 – July 2012)
   Enterprise Performance Management Product Suite
   (Financial Close Management and Profitability and cost management)

ACADEMIC PROJECTS:

1) **Peer-2-Peer SIP**
   Implemented a kademlia based Distributed hash Table for Resource look Up in peer to peer Session Initiation protocol

2) **IPV4 to IPV6**
   Implemented Ipv4 to Ipv6 communication using tunneling.

3) **Hand written Character Recognition System using Multi layered neural networks**
   Worked with a neural network with two hidden layers containing ten neurons each and another input layer with six neurons and a output layer with a neuron which identifies the character.

4) **Email Spam Filter**
   Implemented a Support Vector machine based active spam filter.

5) **Shoot the Star Castle (game)**
   Developed a shooting game using openGL Library.

CERTIFICATIONS:

- Juniper networks certified Routing associate(JNCIA-ER)
- Juniper networks certified Switching associate(JNCIA-EX)

TECHNICAL SKILLS:

Programming and scripting languages: Java,C, SQL,JavaScript,Html,PHP,CSS
Tools and software : Matlab,Oracle10g

SCHOLASTIC ACHIEVEMENTS:

- Secured admission to IIIT Allahabad after clearing **AIEEE** with a rank of 3646, among top 0.9% of students appearing all over India.
- Cleared IIT-JEE with a rank of 5113, among top 1.3% of students appearing all over India. Awarded **Merit Certificates** in **Mathematics** and **Physics** in Class X.
- Unrecognized coder of the month in Oracle for the month of April 2011.
- Received Prathiba Scholarship, given to meritorious students by the government of Andhra Pradesh, India for all four years of under graduate studies
- Won **3rd Prize** in Ethical Hacking contest organized by IIIT Hyderabad during their Tech Fest '09.
- Organized Coldfire , an ethical Hacking contest during Effervescence'08 - the technical fest of IIIT Allahabad

EXTRA CURRICULAR ACTIVITIES:

- Member of the winning team of IIIT Allahabad annual badminton contest.
- Winner of a quizzing competition at secondary school level organized during schools annual fest.
- Winner of cricket and badminton competition at secondary school level during inter school fest.