Deepak Neralla

neralla2@illinois.edu

815.546.2427

Education

University Of Illinois at Urbana Champaign

    Masters in Computer Science   May 2014

Indian Institute of Information Technology, Allahabad

    Bachelors in Information Technology   May 2010

Work Experience

- University of Archives - Web developer   Present
    - Working on development of archival management tools Archive space and myKive in Ruby on Rails
- Oracle India -Software Development Engineer   July 2010 to July 2012
    - Designed and implemented SOAP webservice endpoints for Profitability and Cost management
    - Developed a System automated task console for Financial close Management product to trigger webservice end points per the scheduled period

Technical Expertise

Languages and Skills: C,Java,RubyonRails,JavaScript,Jquery,node,backbone.js,SQL ,Objective-C,LaTeX

Scientific tools: Matlab,Mathematica

Projects

- Distributed online learning algorithms for semantic role labelling   Inprogress
    - Implementing perceptron and its variants using map reduce and applying them on the semantic role labelling corpus
- Conversation Clocks   Inprogress
    - Iphone application that shows the participation of an individual in a conference in the form of real-time visualization
- Peer to peer SIP
    - A peer to peer based session intiation protocol using kademlia based Distributed hash table
- Simple Distributed file system
    - A Distributed file system with basic functionalities of storing and querying the file including file replication and load balancing
- Optical Character Recognition
    - Artificial neural network based hand written character recognition using matlab

Other cool Stuff

- Ipv4 to Ipv6 transalation using tunneling
- Support vector machine based email spam filter
- Shoot the Star caste - opengl game
- A parallel priority queue extension for Intel TBB

Certifications

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

Awards and Achievements

- Winner of VmWare Fabric Hackathon 2012 in UIUC
- Unrecognized coder of the month in Oracle for the month of April 2011
- Won 3rd Prize in Ethical Hacking contest organized by IIIT Hyderabad during their Tech Fest '09.
- Received Prathiba Scholarship, given to meritorious students by the government of Andhra Pradesh, India for all four years of under graduate studies