

Himanshu Misra

1282, W Jefferson Blvd, Los Angeles, CA

Email: hmisra@usc.edu, LinkedIn: <http://www.linkedin.com/in/hmisra>, Mobile: (213)-477-0727

EDUCATION

Masters of Science (MS) in Computer Science (Data Science)

Expected: May 2016

University of Southern California, Los Angeles

Bachelor of Engineering (BE) in Computer Science

Sep 2008 – July 2012

Chitkara University, Chandigarh, India

PROFESSIONAL EXPERIENCE**Systems Engineer (Cloud - ESRM)**

July 2012 – June 2014

Infosys Limited, Hyderabad, India

- Provided technical consulting and support for security related issues in Cloud Infrastructure of a multinational client.
- Headed a team of 3 people, which was responsible for setting up a Hybrid Cloud Infrastructure (using Eucalyptus and EC2) at Infosys, Hyderabad, India.
- Worked as developer in several application development projects on Google App Engine.

Research Intern

July 2011 – Dec 2011

Defense Research and Development Organization, Hyderabad, India

- Worked as programmer and software architect in a research project titled "Assessment Support System using Techniques of Information Retrieval and Document Ranking".
- Worked as programmer in a project titled "Star Simulator for Star Based Navigation system".

Skills

Programming Languages: C++, Java, Python

Front-End Development: HTML, CSS, JavaScript, JQuery, JSP

Back-End Technologies: MySQL, MongoDB

Cloud Platforms: Google App Engine, Amazon EC2

Data Analytics: R, Octave, Weka

Projects

- Brain Computer Interface devices using low latency cloud infrastructure. [Working at Present]
 - Directed Research under Prof. Michael Zyda at USC GamePipe Laboratory.
- Hybrid Cloud Infrastructure setup
 - Designed and built a hybrid cloud infrastructure using Eucalyptus and Amazon EC2 which comprised of the private cloud setup on 10 Linux servers, 20 EC2 instances and software front-end, using which a user can request a Linux VM on Private Cloud Infrastructure (Eucalyptus) or Public Cloud (Amazon EC2).
- Assessment Support System using Techniques of Information Retrieval and Document Ranking
 - Designed and built a software system to process the dynamically structured resumes of candidates to extract the relevant information from them and based on the collected information, ask specific set of questions relevant to the post for which the candidate has applied.
 - Paper on the project was presented at Young Scientist Meet '11, Hyderabad, India.

ACHIEVEMENTS & LEADERSHIP EXPERIENCE

- Represented India at 5th Global Student Forum, St. Petersburg, Russia
- Elected as Vice President of Chitkara Republican of Technocrats, a technical society at Chitkara University with more than 500 members
- Planned and Organized various fund raisers and inter/intra university level hackathons for club.