

ANURAG OJHA

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Education

University of Southern California, CA | *M.S. in Computer Science* *Aug. 2009 – May 2011* *GPA 3.58*

Courses: Database Systems, Enabling Technologies for Social Networking Applications, Advanced Databases, Geospatial Information Systems, Software Multi-Agent Systems, Artificial Intelligence, Analysis of Algorithms

Cochin University, India | *B.Tech. in Computer Science* *Sept. 2005 – Jul. 2009* *68%(1st Class)*

Courses: Operating Systems, Database Systems, Computer Networks, Data Structures, Distributed Computing.

Interests: Software Development, Backend Systems, Frontend and UI, Ads, Mobile/Android, Video Streaming

Research

Student Researcher | *Professor Shahram Ghandeharizadeh, Database Lab, USC* *April 2010 – Jan 2011*

- Project Recall All You See(RAYS).

Student Researcher | *Sudeep Elayidom, Sr. Lecturer, Cochin University*

April 2007 – Dec. 2008

- Web based Academic Information System.

Projects

Recall All You See(RAYS) – A social networking system that empowers its users to store, retrieve, and share data produced by streaming devices. url: <http://rays.shorturl.com>

Spring, 2010 Video Streamer, Research Paper

Summer, 2010 RAYS Web interface/Social Networking Website.

Fall, 2010 RAYS on Amazon EC2, Performance Evaluation of RAYS, RAYS Statistics Aggregator

Spring, 2011 RAYS Android application to stream and play livestream from device(ffmpeg/ffserver).

iCampusVideo – Android application to record and send video and sensor data. Web based and Android Interface to run geospatial queries for retrieval. Playback of video and metadata/path of recorded content on both mobile and web interface. url:<http://icampusvideo.shorturl.com>

Academic Projects: Built several Geospatial and Social Networking Applications for Desktop(Java Swing), Web(JSP, Javascript) and Android as a part of course projects.

Publications

S. Barahmand, S. Ghandeharizadeh, A. Ojha, J. Yap, “Three Highly Available Data Streaming Techniques and Their Tradeoffs,” In Proceedings of the *ACM workshop on Advanced video streaming techniques for peer-to-peer networks and social networking(AVSTP2P)*, Firenze, Italy, October 2010.

S. Barahmand, S. Ghandeharizadeh, E. Keshavarzian, A. Ojha, J. Yap, “RAYS: Recall All You See”.

S. Elayidom, S. Iddikkula, J. Alexander and A. Ojha, “Applying Data mining techniques for Placement chance prediction,” in Proceedings of the 2009 *International Conference on Advances in Computing, Control, and Telecommunication Technologies(ACT)*, Trivandrum, India, December 2009.

Skills

Languages – C, C++, Java, SQL

Web Development – JSP, Javascript, HTML, XML, CSS

Database Management Systems – MySQL, Oracle 10g

Operating Systems – Windows, Android(SDK, NDK), Linux/Unix

Other – Visual Studio, Eclipse, Amazon EC2, SVN, Rackspace Cloud, Apache JMeter