

SHARON MYRTLE PARADESI

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Room 415, Boyd Graduate Studies and Research Center, Athens, GA 30602

EDUCATION

University of Georgia, Athens, GA

Master of Science in Computer Science, expected December 2009. Current GPA: 3.92/4.0

Jawaharlal Nehru Technological University, Hyderabad, India

Bachelor of Technology in Computer Science & Engineering, June 2007. GPA: 81.46/100

SKILLS

Semantic Web: *Ontology design:* RDF(S)/OWL, *Ontology storage:* Sesame and *Ontology querying:* SPARQL

Web Services: SOAP, UDDI, WSDL and BPEL

Languages: *Proficient:* Java, PHP, HTML, CSS and SQL | *Basic/Intermediate:* C, Perl, Python, AJAX and C#

Tools: ActiveBPEL, soapUI, Protégé, Astro, Matlab, WEKA, AgentIDE and Rational Rose

Databases: Oracle 10g, MySQL, PostgreSQL and Hibernate

WORK EXPERIENCE

Graduate Assistant

08/07 – Present

College of Veterinary Medicine, The University of Georgia, Athens, GA

- Develop a web portal for the Diagnostic Lab at the College of Veterinary Medicine. Implement a Model-View-Controller framework in JSP, Oracle and Hibernate.
- Maintain *National Feral Swine Mapping System* and *Arthropod Information Online Management*.

Research Fellow

05/08-07/08

Data Sciences Summer Institute, The University Of Illinois, Urbana-Champaign, IL

- Worked in a 6-member team that developed a vertical search project dealing with academic courses.
- Performed binary classification of the web pages present in the knowledgebase. The classification was performed using existing classifiers in WEKA and we achieved an accuracy of 94.7% using NBTree classifier.
- Clustered web pages of courses into classes using *Gain Ratio*, elimination of stop words and other metrics.

Graduate Research Assistant

08/07 – 05/08

Large Scale Distributed Information Systems Lab, The University Of Georgia, Athens, GA

- Developed a framework that assists in building trusted Web Service Compositions. The trustworthiness of services was measured using the difference between their advertised and observed Quality of Service values. Deployed the framework as a Web Service using BPEL, WSDL, Java and scripts.

Summer Intern

05/07 – 08/07

Metabrainz Foundation, as part of Google Summer of Code 2007

- Designed a rating system to help users rate artists, albums, tracks and labels using AJAX, PERL and PostgreSQL.
- Deployed the rating system as a Web Service.
- Partially deployed Collaborative Filtering algorithm to find the relationships between artists based on names of artists and musical bands, genres of musical compositions composed and ratings provided by users.

AWARDS & HONORS

- Awarded **NSF scholarship** to attend *Grace Hopper Celebration of Women in Computing 2008*
- Awarded scholarships throughout undergraduate study for excellent performance in university examinations.

PUBLICATIONS

- **S. Paradesi**, P. Doshi. Integrating Social Trust into Web Service Compositions, Proceedings of the AAAI 2009 Spring Symposium on Social Semantic Web: Where Web 2.0 meets Web 3.0, 2009

LEADERSHIP EXPERIENCE

- **Founding Chair**, Association of Computing Machinery – Women's Chapter at The University of Georgia