

Girish KASIVISWANATHAN

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EDUCATION

PRESENT Master of Science in COMPUTER SCIENCE, **Texas A&M University, College Station**
EXPECTED GRADUATION DATE : MAY 2017

JULY 2015 Bachelor of Technology in COMPUTER SCIENCE AND ENGINEERING, **Manipal Institute of Technology**
CGPA: 9.22/10

INTERNSHIPS AND TECHNICAL ACTIVITIES

JAN 2015-JUNE 2015 | Software Development Intern at CISCO SYSTEMS, Bangalore
Optimization of End-to-End Serviceability **GUIDE: KANNAN JEGAPATHI**
Built an analytics dashboard that ingests logs and traces streamed from various Cisco devices to assist in serviceability and mine patterns conducive to future component design, and also worked on optimizing the web architecture of the application, as well as achieving scalability using the Hadoop framework

OCT 2014 | *Knowledge Based Graph Document Modelling*
Reviewed recent literature and presented a seminar on modelling Wikipedia as a property graph and using it to solve entity ranking and document similarity problems

MAY 2014-AUG 2014 | Summer Research Intern at IBM RESEARCH LAB, India
Spatio-temporal Analytics **GUIDE: DR. L.V SUBRAMANIAM**
Worked with a team of researchers in the Information and Analytics department on a novel technique of modelling spatio-temporal data to solve classical problems such as prediction, trajectory mining and outlier detection, as well as its application to real world problems such as fraud detection and marketing

IBM Watson for Education **GUIDE: DR. MALOLAN CHETLUR**
Part of an internal team focused on harnessing the Watson pipeline to bring new cognitive applications in the education domain. The role involved understanding the various NLP and information retrieval algorithms that power Watson, and building prototypes using BlueMix.

I-CARE Winter School and Conference
Took part in the winter school on cognitive computing where eminent researchers presented technical insights on various opportunities and developments in fields such as big graphs and reinforcement learning

JUNE 2013-JULY 2013 | Project Trainee at ATT SYSTEMS, India
Assisted in the development and testing of electronic toll collection software for National Highways Authority of India, using RFID tags on vehicles

SCHOLARSHIPS AND AWARDS

JULY. 2011 100% Merit-based scholarship for undergraduate course (\$4000 per year)
JUNE 2009 Distinction award for scoring 90+ in all subjects in nationwide examinations

EXTRACURRICULAR ACTIVITIES

Coordinator and Web Admin of industrial liaison and placement department of Manipal University
Multiple awards in literary events
Served as co-founder and chief-editor of a student-run website and newsletter
Active role in organising various college level technical and non-technical workshops and events

SKILLS

Languages: PHP, MySQL, C, C#, ASP.NET, C++, JAVA, PYTHON, HTML, JAVASCRIPT, MONGODB
Other Software/Tools: IBM BLUEMIX, HADOOP, VSPHERE AND ESXI, ECLIPSE, UNIX, OPENCV, OPENCCL

AREAS OF INTEREST

Algorithms, Artificial Intelligence, Graph Theory, Distributed Computing, Parallel Algorithms