Lakshmikanth K Kaushik

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OBJECTIVE

Seeking Software Development/Research internships for May to August, 2015.

EDUCATION

RV College of Engineering, Bangalore, India — Overall GPA (10.00 scale): 8.84
B.E Computer Science & Engineering, Aug 2009 to May 2013

The Ohio State University, Columbus, Ohio
M.S in Computer Science, Aug 2014 to May 2016(expected)

- Coursework: Algorithms, Data Mining, Computational Linguistics, Information Extraction from Social Media.
- **Ongoing Projects :**
  - Text Mining of News Articles - Feature representation, classification and clustering.
  - Event-based Irony Detection on Twitter.

TECHNICAL SKILLS

Programming Languages - C, C++, Python, Java, PHP
Database Technologies - MySql, HBase, Cassandra
Frontend Tools/Frameworks - HTML/Javascript, AngularJS, KnockoutJS, Django.
Machine Learning/Data Mining suites - Weka, Orange, sckit-learn, NLTK, Stanford CoreNLP

WORK EXPERIENCE

Cisco Systems, Bangalore, India - *IT Engineer* (July 2013 to August 2014)

- Part of the Cisco Commerce IT team.
- Was one of the main frontend developers and was involved in revamping the UI of Cisco Commerce Workspace.
- Worked extensively to modify the middle layer (Java) in order to adapt to new data models.

Cisco Systems, Bangalore, India - *Intern* (Jan 2013 - May 2013)

- Developed a mobile application for Contract Management.

Atos Worldline, Bangalore, India - *Intern* (Oct 2011 - May 2012)

- Developed a mobile application called “CityScout”.
- Designed the database scheme and business logic for server side processing.

PUBLICATIONS

- G. Shobha, Jayavardhana Gubbi, **Lakshmikanth K Kaushik,** Krishna Raghavan, M Palaniswami - “A Novel Fuzzy Rule based System for Assessment of Ground Water Quality: A case study in South India”, in the **IOSR Journal for Computer Engineering** (Sept-Oct 2013)

ACADEMIC RESEARCH AND ENGINEERING PROJECTS

Expert System for Assessment of Ground Water Quality, August 2012 to May 2013

- Developed a new fuzzy-rule based model to assess and classify the quality of ground water into discrete categories based on the concentration of salts in the water sample.
- The system also provides charts for better visualization of data.
- Sponsored by the government of Karnataka, India to improve water quality management in the rural areas of the state.

Virtual Assistant, January 2013 to May 2013

- A mobile application that behaves like a personal assistant. Understands spoken English and performs basic tasks like calls, messaging, setting alarms, finding routes to name a few.
- Used natural language techniques like trigam models to define a language that can process and classify the voice or text input of the user.
- Learns user specific information like office address, home address, etc.