

Jaspreet Singh

PH.D. CANDIDATE · INDIAN NATIONAL · RESIDENT OF THE UNITED STATES OF AMERICA.

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Education

Ph.D. Student at the Department of Informatics

Hannover, Germany

L3S RESEARCH CENTER, LEIBNIZ UNIVERSITY HANNOVER

Jan. 2015 - PRESENT

- Mentors: Dr. Avishek Anand and Prof. Wolfgang Nejdl.
- Interests: Web Archives, Information Retrieval, Applied Machine Learning & Data Mining.

M.Sc. Internet Technologies and Information Systems

Hannover, Germany

LEIBNIZ UNIVERSITY HANNOVER

2012 - 2014

- GPA: 3.8/4.0
- Thesis: Scholarly Engagement of Web Archives and Historical Search.

B.Tech. Computer Science and Engineering

Vellore, India

VIT UNIVERSITY(VELLORE INSTITUTE OF TECHNOLOGY)

2007 - 2011

- GPA: 3.8/4.0
- Thesis: User Interface Design and Implementation for LearnWeb2.0 (with a full scholarship at the L3S Research Center).

Publications

ACM CIKM'16 **Discovering Entities with Just a Little Help from You** by Jaspreet Singh, Avishek Anand, Johannes Hoffart.

Expedition: A Time-Aware Exploratory Search System Designed for Scholars by Jaspreet Singh, Wolfgang Nejdl,

ACM SIGIR'16 Avishek Anand. Expedition placed **2nd** in the Science & Research Category at the Hannover Impuls 2016 Startup Competition. Over 100 teams submitted business plans and pitched their ideas to an expert jury.

NTCIR12, 2016 **Applying Learning to Rank for Temporal Information Access: L3S at the NTCIR-12** by Fernando Zeon Trevor, Jaspreet Singh, and Avishek Anand.

ACM WWW'16 **The Knowledge Awakens: Keeping Knowledge Bases Fresh with Emerging Entities** by Johannes Hoffart, Dragan Milchevski, Gerhard Weikum, Avishek Anand, and Jaspreet Singh.

ACM CHIIR'16 **History by Diversity: Helping Historians Search News Archives** by Jaspreet Singh, Wolfgang Nejdl, Avishek Anand.

ACM WebSci'15 **Exploring Long Running News Stories using Wikipedia** by Jaspreet Singh, Abhijit Anand, Vinay Setty, Avishek Anand.

Experience

L3S Research Center

Hannover, Germany

PH.D. CANDIDATE

Jan. 2015 - Present

- Teaching Assistant for the graduate level courses on Temporal Information Retrieval & Large Scale Data Mining by Dr. Avishek Anand.
- Assisting with the admissions and course structuring for the masters program at LUH
- Mentoring of research projects and theses for masters students.

HERE Maps

Berlin, Germany

R&D INTERN FOR THE API PUBLISHING PLATFORM TEAM

Aug. 2013 - Aug. 2014

- Major responsibilities: rapid prototyping, REST API and web application development.
- Designed and developed the HERE Maps Developer Portal on Github.
- Developed internal REST APIs to aggregate user metrics from stackoverflow, github and other community portals.

L3S Research Center

Hannover, Germany

RESEARCH ASSISTANT

April 2012 - Dec. 2014

- Research topics: social search, information visualization and e-learning.
- Competed in the ISWC 2014 Vici Challenge for systems developed using linked data.
- Development and maintenance of LearnWeb2.0 - a collaborative search and sharing platform.

Skills

Programming C/C++, Python, Java, Javascript, Node.JS

MongoDB, MySQL, MapReduce, JSF2.0, Express with Node.JS, Backbone.js