

Jaspreet Singh

PH.D. CANDIDATE · L3S RESEARCH CENTER

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Education

L3S Research Center

Leibniz University Hannover

PH.D. STUDENT (INFORMATION RETRIEVAL)

Jan. 2015 - PRESENT

- Mentors: Dr. Avishek Anand and Prof. Wolfgang Nejdl.
- Interests: Web Archives, News Archives, Interactive IR, Temporal IR & Learning to Rank.

Leibniz University Hannover

Germany

M.SC. IN INTERNET TECHNOLOGIES AND INFORMATION SYSTEMS

2012 - 2014

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

VIT University(Vellore Institute of Technology)

Vellore, India

B.TECH. IN COMPUTER SCIENCE AND ENGINEERING

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).

Experience

L3S Research Center

Leibniz University Hannover

PH.D. CANDIDATE

Jan. 2015 - Present

- Teaching Assistant for the graduate level course on Temporal Information Retrieval by Dr. Avishek Anand.
- Attended ESSIR 2015 - European Summer School on Information Retrieval.
- Presented at the 2nd International Alexandria Workshop on Web Archives at the L3S Research Center, November 2015.
- Supervision of research projects for masters students.

HERE Maps

Berlin, Germany

R&D INTERN IN THE API PUBLISHING PLATFORM TEAM

Aug. 2013 - Aug. 2014

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

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RESEARCH ASSISTANT

April 2012 - Nov. 2014

- Research topics: social search, information visualization, e-learning.
- Conference Paper under submission at ECIR 2016- TopicFlower: Structure-Aware Visualization of Web Corpora.
- 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.
- Mentoring foreign exchange students for their bachelor thesis.

Selected Publications

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.
(Short Paper)

Skills

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

MongoDB, MySQL, MapReduce, JSF2.0, Express with Node.JS, Backbone.js, HTML5, LESS