UNNI KRISHNAN

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EDUCATION

Ph.D. in Computing and Information Systems

The University of Melbourne

📅 February 2017 – Present   ♀ Melbourne, Australia

Research area: Information Retrieval/Web Search

M.Tech. in Information Technology

Indian Institute of Technology Kharagpur

📅 July 2014 – April 2016   ♀ Kharagpur, India

B.Tech. in Computer Science & Engg.

Federal Institute of Science and Technology

📅 July 2008 – April 2012   ♀ Kochi, India

PROJECTS

Evaluation of Natural User Interfaces in Query Auto-Completion

Microsoft Research Centre for SocialNUI

📅 February 2017 - Ongoing   ♀ The University of Melbourne

- Approaches for Query Auto Complete systems, algorithms and their evaluation. Measure and benchmark implementation strategies and their trade offs. (Ph.D thesis)

Conversation Dynamics in E-Commerce Space

Complex Network Research Group (CNeRG) & Flipkart

📅 January 2015 - March 2016   ♀ IIT Kharagpur

The dynamics of social media conversations, conversation graph and its evolution, and content propagation on social networks. (Master's thesis)

Content dynamics of image meme based communities

Complex Network Research Group (CNeRG)

📅 January 2016 - November 2016   ♀ IIT Kharagpur

The dynamics of social media conversations, conversation graph and its evolution, and content dynamics are the main focus of this study (Master's thesis)

PUBLICATIONS

👥 Conference Proceedings

- Mathew, Binny et al. (2016). "Mining Twitter Conversations around E-commerce Promotional Events". In: *Proceedings of the 19th ACM Conference on Computer Supported Cooperative Work and Social Computing Companion*. ACM, pp. 345–348.

SHORT BIO

I am a Ph.D student at the Microsoft SocialNUI, The University of Melbourne. My research interests are search, retrieval, and social networks.

EXPERIENCE

Junior Research Fellow

Indian Institute of Technology Kharagpur

📅 July 2016 – November 2016

- Pilot study of a remote health care systems
- Worked on proposal approved under IMPRINT: Pan-IIT + IISc joint initiative to address the major science and engineering challenges in India.

Associate Software Engineer

Accenture India Pvt. Ltd.

📅 November 2012 – September 2013

- Worked for BestBuy Application Capability Management focusing on their supply chain management system.

TOP ACHIEVEMENTS

🏆 **Melbourne Research Scholarship**
Recipient of Melbourne Research Scholarship for the duration of my PhD

🏆 **Top 99.3 percentile in GATE**
One among the top 99.3 percentile among 155190 candidates appeared for GATE 2014 (national level exam for post-graduate admission in India)

BACKGROUND

Web Search and Text Analysis

Computational Complexity

Data Mining   Social Computing

Complex Networks

Python   C   Latex   Java   Android

OTHER ACHIEVEMENTS

- Flipkart best course project award, Complex Networks, Spring 2015, IIT Kharagpur.
- Team member in one among the 8 teams who made it to the finals of Flipkart Hack Day 2015, IIT Kharagpur. Theme: "Make in India" - the teams were asked to develop an android app based on the theme.
- First place in Paper Presentation in Tathva '11, National level technical symposium held at National Institute Of Technology, Calicut in October 2011.
- First place in Paper Presentation in Excel 2011, National level technical symposium held at Govt. Model Engineering College, Ernakulam in September 2011.

TEACHING EXPERIENCE

Tutor and Demonstrator
Foundations of Algorithm

📅 2017 Semester 2   📍 The University of Melbourne

Undergraduate course focusing on basic data structures and Algorithms.

Co-mentor
Complex Networks

📅 2016 Spring   📍 IIT Kharagpur

Projects: When the lolcats meet the Philosoraptors - A study on the dynamics of image memes

REFEREES

Prof. Alistair Moffat
📍 The University of Melbourne
✉ ammoffat@unimelb.edu.au
people.eng.unimelb.edu.au/ammoffat/

Prof. Justin Zobel
📍 The University of Melbourne
✉ jzobel@unimelb.edu.au
http://people.eng.unimelb.edu.au/jzobel/

SOCIAL PRESENCE

- Stack Overflow
- Github
- 500px
- Twitter

HOBBIES

Photography   Swimming   Cricket   Table Tennis

DESIGN SKILLS

Photoshop   Lightroom   HTML   CSS

LANGUAGES

English   ●●●●●

Malayalam   ●●●●●

Hindi   ●●●○○