

Ratish Puduppully

First year PhD student at Informatics Institute in University of Edinburgh

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RESEARCH INTERESTS

Aspiring to conduct research in the field of Natural Language Processing (NLP). Current research interests include applying deep learning techniques to Natural Language Generation.

EDUCATION

MS in CSE by Research

IIIT Hyderabad

Grade: 9.33 CGPA

February 2017

B.E in Electronics and Telecommunications

Mumbai University, Mumbai

Grade: 69%

June 2005

HONORS

Edinburgh Global Research Scholarship and Principal's Career Development Scholarship for pursuing PhD studies at University of Edinburgh

May 2017

Travel Grant from ACM India for presenting paper at EACL conference in Valencia, Spain

April 2017

Travel Grant from Microsoft for presenting paper at NAACL conference in San Diego, US

June 2016

JRD Tata Scholarship for Academic Excellence

2002-04

INDEPENDENT COURSEWORK

NLP by Prof Michael Collins- Columbia University on Coursera platform

Apr 2013

ML by Prof Andrew Ng- Stanford University on Coursera platform

Apr 2013

CS 712 -Topics in Natural Language Processing at IIT Bombay

June 2014

CS 726- Advanced Machine Learning at IIT Bombay

June 2014

PUBLICATIONS

- "Transition-Based Deep Input Linearization"- Ratish Puduppully, Yue Zhang and Manish Shrivastava - Conference of European Chapter of the Association for Computational Linguistics (EACL) 2017.
- "Transition based Syntactic Linearization with Lookahead Features"- Ratish Puduppully, Yue Zhang and Manish Shrivastava - Conference of the North American Chapter of the Association for Computational Linguistics Human Language Technologies (NAACL-HLT) 2016.
- "Brahmi-Net - An online system for transliteration and script conversion for Indian languages" - Anoop Kunchukuttan, Ratish Puduppully and Pushpak Bhattacharyya - Conference of the North American Chapter of the Association for Computational Linguistics Human Language Technologies (NAACL-HLT): System Demonstrations. 2015.

- “Merging Verb Senses of Hindi WordNet using Word Embeddings” - Sudha Bhingardive, Ratish Pudupully, Dharendra Singh and Pushpak Bhattacharyya, International Conference on Natural Language Processing (ICON 2014), Dec 2014.
- “The IIT Bombay SMT System for ICON 2014 Tools Contest” - Anoop Kunchukuttan, Ratish Pudupully, Rajen Chatterjee, Abhijit Mishra, Pushpak Bhattacharyya, International Conference on Natural Language Processing (ICON 2014), Dec 2014.

PATENTS

- Method and system of sharing content- Ben Willis, Sunil Natraj, Abhijeet Shinde, Tarun Agarwal, Ratish Pudupully, Santhi Swaroop Pulagala, Shu-Hua Chang
Patent Office: USA
Application no: 9256695
Date of patent grant: February 9, 2016

RESEARCH EXPERIENCE

IIT Bombay

May 2014- Dec 2014

Research Engineer at Center for Indian Language Technology (CFILT) lab under guidance of Prof. Pushpak Bhattacharyya. Couple of research projects I participated in:

- Merging fine senses of Hindi WordNet- Long paper accepted in ICON 2014
- Phrase based SMT sytem enhancements- Work accepted in SMT Tools Contest at ICON 2014

Singapore University of Technology and Design

Mar 2017- Aug 2017

Research Assistant at NLP lab under guidance of Prof. Yue Zhang. I worked in the area of financial market prediction using text data.

INDUSTRY EXPERIENCE

Saba Software, Mumbai

May 2008 – May 2014

Technical Architect, Research division

- Part of team which created online collaboration software SabaCloud
- Created ResumeParser which parses CV/Resume and extracts company name, job role, duration and skills and renders the details in a timeline format
- Built Framework for Social Network Analysis and its Visualization.
- Created PeopleQuotient or PQ score to measure online influence in SabaCloud

Infosys Technologies Ltd

Sept 2005 – May 2008

Software Engineer

- Part of Architecture Team for Finacle Banking Product
- Created several key architectural components for Finacle

TECHNICAL SKILLS

- Programming language: Python, C++, Java
- Web Technologies: Spring Application Stack, Javascript, HTML

PERSONAL DETAILS

Date of birth: 2 April, 1983

Address: Room no 4.23, Informatics Forum, 10 Crichton Street, Edinburgh EH89AB

Languages: English, Hindi, Marathi, Malayalam