



Venkatesh Vinayakarao

Assistant Professor, IIIT Sri City

Contact

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Interests

Code Search
Information Retrieval
Software Engineering
Prog. Languages

Competitive Exams

GRE 2013
TOEFL 2013
GATE CS 2016
CBSE-UGC NET 2017

Teaching/TA Exp.

Information Retrieval
Statistical Computation
Big Data
Software Engineering

Web, Git & Blog

vvtesh.co.in
github.com/vvtesh
vinayakarao.wordpress.com

Education

- Since 2013 **PhD in Computer Science** IIIT-Delhi, India
Advised by Dr. Rahul Purandare
- 2002 - 2003 **MS in Information Technology** Carnegie Mellon University, USA
With specialization in Software Engineering
- 1996 - 2000 **BE in Computer Science and Engineering** Madras University, India

Experience

Summary: 12 Years of industry experience in software development in hands-on independent contributor roles, primarily using Java and related technologies.

- 06/18 - Now **Assistant Professor** IIIT Sri City
Department of Computer Science and Engineering
- 04/17 - 07/17 **Research Intern** Microsoft Research, Cambridge, UK
On medical image segmentation with the InnerEye team.
- 06/12 - 07/13 **Senior SDE** Microsoft IDC (Search Technologies - Bing), Hyderabad, India
Content Processing, Relevance and Ranking.
- 03/10 - 06/12 **Principal Engineer** Yahoo!, Bangalore, India
Building content processing products for the cloud platform group.
- 07/00 - 03/10 **Software Developer** Multiple Organizations, India
For Nokia, CoreObjects, HCL and Silverline using Java and related tech.

Honors and Awards

- 11/2017 **All India Rank 81 in CBSE-UGC NET Computer Science**
Qualified for Assistant Professor
- 08/2015 **Selected for (graduate level) Student Research Competition**
At the ESEC/FSE Conference, BERGAMO, ITALY, Aug 30 – Sep 4, 2015
- 12/2003 **Best Technical Knowledge and Best Commitment to Work**
At Professional Development Center, Carnegie Mellon University
- 01/2000 **All India III Rank in Semester II of Higher Diploma in Communication and Network Management**
Exam conducted by Asset International Pvt. Ltd.

Representative Publications

V. Vinayakarao, A. Sarma, R. Purandare, S. Jain and S. Jain, **ANNE: Improving Source Code Search using Entity Retrieval Approach**, *In the Proceedings of the 10th International Conference on Web Search and Data Mining (WSDM 2017), Cambridge, UK*

V. Vinayakarao, R. Purandare, A. Nori, **Structurally Heterogeneous Source Code Examples from Unstructured Knowledge Sources**, *In the Proceedings of the ACM SIGPLAN 2015 Workshop on Partial Evaluation and Program Manipulation (PEPM 2015), India*