

Curriculum Vitae/Resume

Siddharth Sankaran Dinesh

Email: sid.dinesh94@gmail.com

Phone: +353-899-89-2077

EDUCATION	Birla Institute of Technology and Science , Pilani, India Current GPA - 8.74 /10, 8.83 after Fall 2016 semester B.E.(Hons.), Computer Science Aug '12 - Present M.Sc.(Hons.), Economics Aug '12 - Present
-----------	--

RELEVANT	• Data Structures and Algorithms	• Artificial Intelligence
COURSEWORK	• Design and Analysis of Algorithms	• Database Systems
	• Reading Course in Probabilistic Graphical Models	• Data Mining

PROGRAMMING	Advanced Proficiency : Java, Python, C
SKILLS	Intermediate Proficiency : Ruby on Rails, MATLAB

PUBLICATIONS	Joeran Beel, Siddharth Dinesh , Philip Mayr, Zeljko Carevic, and R. Jain. Stereotype and Most-Popular Recommendations in the Digital Library Sowiport Accepted at <i>2017 International Symposium of Information Science, Berlin (ISI2017)</i> .
--------------	---

ACADEMIC	Undergraduate Thesis
RESEARCH	at National Institute of Informatics, Japan Aug '16 - Dec'16 at Trinity College Dublin, Ireland Jan '17 - Present Topic: Survey and Evaluation of Related Article Search Systems Research Guide: Dr. Joeran Beel <ul style="list-style-type: none">• Literature study to select promising recommendation approaches to provide literature recommendations as a Service through Mr. DLib• Developed a REST API in Java delivering 200,000 recommendations per day from among five implemented approaches for a digital library's related articles tab.• Co-authored a paper which studies stereotype and most-popular literature recommendations in a digital library• Currently implementing cross-language recommendations to deal with multilingual digital libraries

Evaluating Fuzzy Neural Network for Multi-Class Classification Jan '16 - May '16

Research Guide: Mr. Tirtharaj Dash

Studied and implemented multi-class evaluation metrics in Matlab to benchmark UCI-ML datasets using a fuzzy neural network trained for multi-class classification. The results have been shared publicly through a [report](#) that is hosted on ArXiv.

Satisfiability Modulo Theory Solver for First Order Logic Reasoning Aug '15 - Dec '15

Research Guide: Dr. A. Baskar

Researching and implementing SMT solvers after covering advanced topics in Propositional Logic, First Order Logic and Model Theory.

Tag Extraction From StackExchange posts Aug '15 - Dec '15

Analyzing the *Facebook Recruiting III - Keyword Extraction* Kaggle dataset to extract tags, given the question, title, and text from various stack exchange sites. Made use of a Hadoop multi-node cluster
Code: [GitHub](#)

INTERNSHIPS **Research Intern at RISE Lab, IIT-Madras** May '16 - Jul '16

Research Guide: Dr. Balaraman Ravindran

Implemented tools for ontology learning, hierarchical opinion mining, and automatic summarization of text through regular expressions in Python from state-of-the-art journal articles.

Software Dev. at Synup Digital, Bangalore May '15 - Jul '15

Automated testing of Ruby on Rails based web-app using the Selenium API

Indian Bank, Chennai May '14 - Jul '14

Calculated efficiency ratings for bank branches using Data Envelopment Analysis

TEACHING **Teaching Assistant at BITS Pilani**

EXPERIENCE

Economic Analysis of Public Policy Jan '16 - May '16

Supervisor: Dr. Mridula Goel

Designed case studies for weekly tutorial sessions

Logic in Computer Science Aug '15 - Dec '15

Supervisor: Dr. A. Baskar

Hosted weekly tutorial sessions to help with class assignments