

Sankarlingam Chinnappa

Research Assistant

Research Assistant

Passionate about Data Engineering and currently practicing as a Research Assistant in the field of NLP and Web development.

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Coimbatore, India 📍

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WORK EXPERIENCE

Research Assistant

Amrita University, Coimbatore

05/2016 – Present

Achievements/Tasks

- Onto-Thesaurus for Tamil language: Ontology based Intelligent System for Information Retrieval. 🔗

Contact: Dr. Anand Kumar M – +91 9894753437

PROJECTS

English to Tamil Machine Translation
(10/2017 – Present) 🔗

English to Tamil Dictionary (10/2017 – Present) 🔗

Learning Tamil Characters (07/2017 – 09/2017) 🔗

- Analyze each character from Tamil sentence and classify it (Tamil vowels and consonants) followed by calculation of its Mathirai values.

Word2Vec (04/2017 – 07/2017) 🔗

- A tool from Neural Network has been utilized IN Tamil language to find Nearest possible word, Similarity of two words and Word analogy.

Morphology Generator (03/2017 – 05/2017) 🔗

- Morphology Generator has been developed for learning of Tamil language. It gives the different tense and person identification for a verb. It also provides the different inflections of a noun.

Verb Conjugation (12/2016 – 02/2017) 🔗

- Verb Conjugation is a tool for learning of Tamil language. It gives the different tense and person identification for a verb.

Noun Declension (09/2016 – 12/2016) 🔗

- The tool Noun Declension was also developed for learning of Tamil language. This helps in knowing various forms of a noun, pronoun and adjective which gives its grammatical case, number, and gender.

Onto-Thesaurus for Tamil language
(05/2016 – 08/2016)

- The tool Ontology was developed with a motive of learning Tamil language. This gives the information about the concepts and relationships that can exist between words.

EDUCATION

Master of Computer Application

Bharathiar University, Coimbatore

2012 – 2015

Bachelor of Computer Science

Khadir Mohideen College, Adirampattinam

2008 – 2011

SKILLS

Java

MySQL

JSP

HTML

IDE - NetBeans, Eclipse

Python

JavaScript

NLP

CONFERENCE AND WORKSHOP

Attended workshop on Machine Translation in Indian Languages (MTIL) at Amrita Vishwa Vidyapeetham, Coimbatore. (09/2017)

Presented paper on 'Onto-Thesaurus for Tamil language: Ontology based Intelligent System for Information Retrieval' for ICCACI2017 conference at Manipal University. (08/2017)

CERTIFICATES

Hadoop Starter Kit 🔗

HTML Introduction 🔗

LANGUAGES

Tamil



English



INTERESTS

Machine Learning

Text Mining