

Karthik Sreenivas

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EDUCATION	<i>Master's in Computer Science,</i> Indiana University,Bloomington	August 2015 - Present
	<i>BE,Computer Science,</i> Visvesvaraya Technological University, India	September 2010 - June 2014
TECHNOLOGY SKILLS	<ul style="list-style-type: none">• Softwares MATLAB, MS VISUAL STUDIO, MONGODB, SQL, ECLIPSE, LATEX• Programming Languages C, C++, JAVA, HTML,CSS, PYTHON,JAVASCRIPT,PHP,C#, R	
PROJECTS	<i>Implementation of Xinu OS(Advanced OS course project)</i>	Fall 2015
	<ul style="list-style-type: none">• Implementing semaphores,futures,filesystem and memory management on XINU operating system	
	<i>Part of speech tagger(Elements of AI course project)</i>	Fall 2015
	<ul style="list-style-type: none">• Implementing part-of-speech tagger in Python using MCMC,Viterbi algorithm	
	<i>Transit Optimization(Data Mining Project)</i>	Fall 2015
	<ul style="list-style-type: none">• Working with the IU bus system to help them in route optimization,remodelling the frequency of service ensuring maximum passengers transported	
	<i>iMonopoly(College Project)</i>	June 2012 - December 2012
	<ul style="list-style-type: none">• A Computer Graphics project designed to simulate the popular game 'Monopoly' using .NET technology.Implemented texture mapping and gained stonghold on OpenGL functions.	
	<i>Mongo Db</i>	January 2013 - June 2013
	<ul style="list-style-type: none">• Optimizing data storage and operations of company applications. My role was to upload notes and videos to language learning webpage through MongoDB.	
	<i>Disease Identification in Leaves</i>	January 2014 - April 2014
	<ul style="list-style-type: none">• A pattern matching web application to assist farmers in identifying infected plants by uploading images of leaves and receive location-specific, real-time remedies in native text. Implemented k-means,periodic segmentation,gaussian filter algorithms on the image set.	
WORK EXPERIENCE	<i>Project Trainee(Indian Institute of Science, Bangalore)</i>	January 2015 - June 2015
	<ul style="list-style-type: none">• My responsibilities were handling the IT , maintaining the intranet and communicating with the department staff and helping them resolve issues	
CERTIFICATIONS	<ul style="list-style-type: none">• Presented a paper titled 'Iris Localization and Measurement of its Radius' at the Computer Society of India convention.	