K.L.BHANU MOORTHY

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EDUCATION

International Institute of Information Technology, Hyderabad   *Jan 2018 - Present*
Phd in Computer Science
Centre for Visual Information Technolog (CVIT)

Indian Institute of Information Technology Design and Manufacturing, Kancheepuram
August 2013 - May 2017
Bachelor of Technology, Computer Engineering.   CGPA: 8.14/10

ABOUT ME

An enthusiastic and hard working individual, eager to learn and work with new technologies, and eager to discover and contribute to the field of computer science.

PROJECTS

Computational Videography (2018-Current)
Involved in development of algorithms and frameworks to facilitate automation of professional quality video production.

Connectivity Augmentation in Graphs (2017)
The minimum number of distinct paths between two nodes in a graph is the connectivity of a graph. Developed few heuristics to increase the connectivity of a graph by adding edges optimally, which is known as connectivity augmentation. Used to check and recticy point of failures in networks

Optimisation of a closed loop supply chain (2016)
Implemented a greedy algorithm for closed loop supply chain optimisation as a side project.

Samgatha (2015)
Developed the backend for a website for the techno-cultural festival of IIITD&M-K using PHP.

Inventory Management Application (2014)
Developed a CRUD application using JAVA AWT and MySQl to manage IT inventory for NTPC Kudgi as an internship project.

TECHNICAL STRENGTHS

Programming/Scripting Languages	C,C++,Java,Python,MATLAB,Bash
Web Development	HTML,CSS,JS,Bootstrap, PHP, Laravel, Django
Other Tools	Git, Eclipse, VS-Code,LAMPP

ACADEMIC ACHIEVEMENTS AND EXTRA CURRICULAR

Scored AIR 134 in second phase Inter-DPS Science and Maths Exam (2010)
cleared second phase of the NTSE exam (2009)
Secured CGPA 10 in 10th class (2011) and 92% in 12th class (2013)
Secured 7th rank in state NSO-Biology (2012)
Scored 213/360 in JEE-Mains 2013 with AIR 11824
Co-Founder of Quiz club IIITD&M-K.
Completed a 6 year diploma in Hindustani Classical Vocal Music from Khairagarh University.