

Ganapathy Ram Krishnakumar

Masters Student in Informatics

"In Pursuit of Knowledge Forever More" - The Foremost Objective in the Professional Life.

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Education

09/2015 - Present

Grenoble, France

Master of Science in Informatics

Université Grenoble Alpes

Courses

- Algorithm and Program Design
- Computer Network Principles
- Programming Languages and Compiler Design
- Human Computer Interaction
- Adaptive Computing Systems
- Image Analysis

09/2011 - 05/2015

Bangalore, India

Bachelor of Computer Science and Engineering

SJB Institute of Technology

Courses

- Design and Analysis of Algorithm
- Computer Organisation
- Discrete mathematical Structures
- Computer Vision
- Software Engineering
- Formal Languages and Automata Theory

Internship Experience

02/2016 - 06/2016

Grenoble, France

Informatics Research Intern

TIMC-IMAG Laboratory

A Medical Engineering and Complexity Laboratory

Tasks/Achievements

- Collect and read Bibliography on the topic of Brain Segmentation.
- Categorising the different Segmentation Algorithms and analysing them.
- Propose improvements to an already existing method to improve the algorithm.
- Test if the segmentation algorithm is able to differentiate the different tissue types in the human brain.

Contact: Matthieu Chabanas - Matthieu.Chabanas@imag.fr

06/2014 - 08/2014

Bangalore, India

Software Development Intern

RedPot InfoTech Private Limited.

A company which offers enterprise products on cloud based platforms.

Tasks/Achievements

- Analyse and understand how Android applications work.
- Understand and model a music application based on Android UI.
- Work with the team to analyse how the design could be made optimal.
- Detect flaws based on the given requirements and rectify the same.

Skills & Competences

C,C++

Java

Python

HTML5

CSS

JavaScript

AngularJS

Bootstrap

macOS

Personal Projects

Smart Hub: Making Cities Smarter
(02/2016 - 05/2016)

- A HCI design project with the objective of learning the different ways to gather information and group them to build a intuitive UI
- Also understand how design revolves around requirements. Link to the designed document: http://bit.ly/Ram_ui

Efficient Top-K Document Retrieval in Text Mining (02/2015 - 06/2015)

- The project is basically an analysis of between 2 algorithms i.e The Bisecting K-Means algorithm and The Traditional K-Means algorithm.
- The result of this project shows that the Bisecting K-Mean is much more efficient in Text Mining rather than the traditional K-means algorithm.

Languages

English

Native or Bilingual

French

Intermediate

Tamil

Native or Bilingual

Kannada

Expert

Interests

Entrepreneurship | UI & UX Design | Application Development | Bio-Informatics | Information Architecture | Web Design