Govind C

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Roll No:CS13M020

Education

- **M.Tech-Indian Institute of Technology, Madras** `http://www.iitm.ac.in`
  Computer Science & Engineering. CGPA 7 on a scale of 10 *2013-Present*
- **B.Tech-MES College of Engineering-University of Calicut** `http://www.mesce.ac.in`
  Information Technology. Percentage-59.42 *Class of 2012*
- **XII-Govt. MBHSS, Kunnamkulam** modelboyshsskkm.blogspot.in
  Computer Science Group Kerala State Board. Percentage-73.50 *Class of 2007*
- **X-Bethany St.Johns HSS, Kunnamkulam** `http://bethanystjohns.edu.in`
  SSLC Kerala State Board. Percentage-89.47 *Class of 2005*

Professional Experience

- **ZimmerSOFT,** `http://zimmersoft.com/` *Cochin, Kerala, India*
  Junior Programmer *January,2013-July,2013*
  - Worked in two projects in Python/Django
  1 An intern-ship portal for start-up client based out in US.
  2 A recruitment solution website for client based out in US.

Relevant Coursework

Computer Science: Advanced Algorithms Knowledge Representation and Reasoning, Digital System Testing and Testable Design, Computer Architecture.

Information Technology: Information Retrieval, Advanced Database Management System, Digital Data Communication.

Projects

- **Algorithms & Hardness for computing the rotation distance of the binary tree** IITM
  Guide-Dr.Jayalal Sarma,Asst. Professor *Algorithms*
  - Rotation Distance is minimal number of rotations needed to transform one tree into another of same size. Rotations provide a simple mechanism for balancing trees while preserving their underlying order. There are no known polynomial-time algorithms for computing rotation distance,thus trying to formulate an algorithm with better bound and possible implementation.
  - Ongoing.

- **Malayalam to CD theory conversion** IIT Madras
  Instructor-Dr.Deepak Khemani,Professor *Knowledge Representation & Reasoning*
  - The CD theory defines a semantic base for knowledge representation. It aims at understanding natural language stories. We selected Indian General Election 2014 as domain. Created a parser for processing malayalam sentences and convert it to CD representation which in turn can be converted into any other languages. Implemented using Java.
  - `https://github.com/amigozgovi/malayalamToCd`

- **GIT+ - porting projects to Git** MESCE,University of Calicut
  Guide-Dr.C.K.Raju,HOD IT Dept. *Version Control System*
  - We developed a tool to support portability across version control systems specifically to Git. Core idea was to transform from formats associated to other version control systems to that of Git. The implementation was in C++ .

- – https://github.com/amigozgovi/gitplus

- **AGROTECH- a website on agriculture**   MESCE-University of Calicut
  Guide-Jasmin.T.Jose, Asst.Professor,IT Dept.   *Web*

  - – An interactive website designed using HTML,CSS and implemented using PHP,MySQL database(WAMP Server bundle). Aim was to develop a platform to promote IT in agriculture, assist one in getting or sharing information or service on agriculture she or he wants. Started for one village, but has the capability to scale to more upon need.

  - – https://github.com/amigozgovi/agrotech

Technical Skills

Tools & Languages: C/C++, Python/Django, PHP, GIT, Latex, Java, Javascript, Shell, HTML, CSS, Joomla, Eclipse, Sublime Text, GNUplot, GNUmake, Valgrind, Doxygen.

Operating Systems: Unix/Linux based OS's, Windows 98/XP/Vista.

Awards and Achievements

2005 Received Rashtrapthi Scout award from the President of India.

2005-07 Played in HSS Basket Ball team & Runners in district level basket ball tournament.

2013 Gate Examination All India Rank:**595**.

Position of Responsibility

Troop Leader: Club/Scout-47th Scout Troop-Bethany HSS.

Secretary: Association-Students Association of IT, MESCE.

Volunteer: Conference-WALCOM 2014 Eighth International workshop on Algorithms and computation.

Interests and Hobbies

Health: Running, Swimming, Bicycling, Basketball

Books: Automobile Magazines

Gadget & Technologies: Linux, Android, Smart phones

Others: Internet, Music, Movies, Events

Personal Information

Gender/Nationality: Male/Indian.

DOB: 30-December-1989.

Permanent Address: GovindVihar, Chalissery PO, Palakkad, Kerala-679536, India.

Phone: +91-466-2256162.

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge.