

Akhil P M

Curriculum Vitae

☎ (+91) 9961558915
✉ akhilpm135@gmail.com



Info

LinkedIn <https://in.linkedin.com/pub/akhil-pm/31/b60/657>

Github <https://github.com/akhilpm>

Career Objective

Objective To secure a promising, successful and challenging career in a reputed organization where my knowledge and skill can be effectively applied, enabling me to explore myself fully and realize my full potential.

Education

- 2014–Present **Master of Technology in Machine Learning & Computing**
Indian Institute of Space Science & Technology <http://www.iist.ac.in/>
CGPA – 8.1 Till now.
- 2009–2013 **Bachelor of Technology in Computer Science & Engineering**
University of Kerala
Institute: College of Engineering, Trivandrum <http://cet.ac.in/>
CGPA – 7.69.
- 2006–2008 **Higher Secondary Education**
Kerala State Board of Higher Secondary Education, Score – 90.00%.
- 2005–2006 **Secondary Education**
Kerala State Board of Secondary Education, Score – 88.00%.

Technical Skills

- Programming Languages C, C++, Matlab, PYTHON, JAVA(Basics)
- Scripting JavaScript, Shell Scripting(Basics)
- Operating Systems GNU/Linux, Ms Windows XP/7
- Software Packages L^AT_EX, Eclipse, GCC, GDB

Academic Projects

2015 **Multi-Label Classification Using Struct SVM**

The scope of applying the struct-SVM algorithm on Multi-Label Classification Problems is explored. A suitable loss function and combined feature map representations were formulated in accordance with the problem. Testing and training were done on a semantic scene classification Problem..

2014 **An Improved PSO Algorithm for Solving TSP with Edge Recombination Operator**

A modified discrete-PSO algorithm is proposed for solving TSP, with the use of edge recombination operator for redefining the dependant moves in PSO. The new algorithm showed significantly better performance than the edge recombination crossover based GA, in terms of convergence rate and quality of solutions for benchmark problems from TSPLIB.

2013 **Machine Parsable RESTfull web API**

We proposed a Microformats -like grammar that helps to annotate semantics into the already existing documentation of REST services doubling them as machine-readable descriptions. Moreover, these basic annotations help to link between RESTful services in the same domain and enables automatic discovery and composition.

2011 **BOINCr-Graphical Interface to manage BOINC projects**

We implemented a graphical interface in Java to control BOINC server and to allow easy deployment of BOINC apps and work units.

Achievements & Activities

2012 Event co-ordinator of Linux kernel API programming on Drishti-2012, annual tech fest of College of Engineering, Trivandrum.

2010 Conducted a presentation on GREEN IT in CETEX 2010, a technical exhibition conducted by College of Engineering, Trivandrum.

2009 Won CETAA(College of Engineering,Trivandrum Alumini Association)award for meritorious student in 2009

Language Skills

English	fluent
Malayalam	fluent
Hindi	Con conversationally fluent

Interests and Hobbies

- Trekking	- Swimming
- Blogging	- Cooking

Personal Details

Date of Birth	11 April 1991
Nationality	Indian

Address Pilakkatt Meethal House,
Kuruvangad P O,
Koyilandy,
Calicut,
Kerala,
Pin: 673305

Mobile (+91) 9961558915

Email akhilpm135@gmail.com