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Arjun Krishna Babu

Simplicity is the ultimate sophistication

Education

Exchange (Spring 2016) **Computer Science**, *University of New Mexico, Albuquerque, NM, USA,*

GPA: 3.7/4.0 | Student-exchange program

Graduation (2013 – 2016) **Bachelor of Computer Applications**, *Amrita Vishwa Vidyapeetham, Amritapuri,*

CGPA: 10.0/10.0 (as on December 2015)

Higher Secondary (2011 – 2013) **Senior Secondary School Graduate**, *Chinmaya Vidyalaya, Kannur, Kerala,*

Percentage: 65

Personal Details

Birthdate 11 - January - 1996

Languages English, Malayalam, Hindi

Blog <http://arjunkturishnababu.github.io>

Interests

Open Source Contributions Have contributed to the Linux kernel

Writing Creative writing, non-fiction, journal entries, blogging

Traveling Loves to travel and explore different cultures

Projects

Title **Legion Implementation of Parallel Linear Solver**
Project Guide Dr. Patrick Bridges
University of New Mexico, NM, USA
Description A parallel implementation of a dense linear-systems solver using the Legion programming system.

Title **Android App for Hand Orthosis Device**
Project Guide Dr. Rajesh Kannan Megalingam
Amrita University, Kerala, India
Description A humanitarian project to develop an android app that enables doctors to wirelessly communicate with and take full control of the hand-orthosis device developed at the Dept. of ECE at Amrita University

Mini Projects

- **Web application for sports event management**
Teammate in the development of a web application to manage sporting events. The application was used with tremendous success during the sports days of ASE, ASAS, ASB, and ASBT
- **Tic-Tac-Toe game in Java**
A small light-weight implementation of the classic game of tic-tac-toe. Also implemented logic which makes it impossible to defeat AI.
- **Library Management System web application**
Web application for managing a library

Computer Skills

OS Linux Ubuntu, Linux Fedora, Android (app-development)
Programming C, C++, C#, Java, Python, Linux shell-scripting
Languages
Parallel MPI, OpenMP, pthreads, Legion
Programming
Web HTML, CSS, JavaScript, JSP, PHP
Development
DBMS Oracle, MySQL
VCS Git, Subversion
Digital PIC16F877A, Arduino, Intel 8085, Intel 8051
Electronics
Other XML, \LaTeX
Markup
Languages

Workshops

- Conducted Java Emblazed Tenor, a workshop on Java (November 2014)
- Attended IEEE ISEE 2015 workshop on Python, Ethical Hacking and Cloud Computing (August 2015)
- Attended Android 101 workshop on Android basics (September 2014)
- Attended workshop on Arduino microcontroller programming (June 2014)

References

Will be provided on request