

Arunanand T A

✉ arunanandta@gmail.com

<http://taa.im>

Personal Statement

Math and Python enthusiast. Passionate in teaching. M.Tech holder in Computer Science and Engineering (Information Security) from NIT Calicut, Kerala. Working as Member Technical Staff at Oracle India Pvt. Ltd. in Server Technology department since June 2013. Experienced in Python. Have been a lecturer and teacher of Mathematics and Computer Science, with a total experience of over 6 years.

Education

- 2011-2013 **M.Tech in Computer Science and Engineering (Information Security)**, *National Institute of Technology, Calicut, Kerala, India, CGPA 8.2.*
- 2010 **Bachelor of Technology in Computer Science and Engineering**, *College of Engineering, Chengannur, Kerala, India, 68%.*
Cochin University of Science and Technology.
- 2006 **Higher Secondary**, *Sahodaran Memorial HSS, Cherai, 94%.*
Board of HSE, Kerala.
- 2004 **SSLC**, *Bhagavathy Vilasam HS, Nayarambalam, 92%.*
Board of Public Examinations, Kerala.

Areas of Interest

Mathematics, English, Computer Science.

Technical skills

Intermediate Python, R

Experience

Industrial

- January 2015 - *present* **Member Technical Staff, Oracle India Pvt. Ltd., Bangalore.**
- Member Technical Staff at Oracle Fusion Middleware: Private Cloud India Team. Working as Development Engineer in its IAAS system.
 - Experienced in Python and Shell Scripting.

- June 2013 - **Member Technical Staff**, *Oracle India Pvt. Ltd.*, Bangalore.
 January 2015
- Member Technical Staff at Oracle Business Intelligence: Human Capital Management. Worked as TestDev Engineer.
 - Worked on Fusion, Taleo and Peoplesoft Adapters. Experienced in OTBI, OBIA, ETLs and LRG analysis.
 - Developed scripts and utilities and scripts in Python, JAVA and SQL.

Academic (formal)

- Dec 2010 - May 2011 **Lecturer**, *Dept. of Computer Science and Engineering, College of Engineering Cherthala (under IHRD, Govt. of Kerala undertaking)*, Kerala.
- Served the institution for a full semester.
 - Handled undergraduate subjects viz. Data Structures Laboratory, Algorithm Design and Analysis, Microprocessors.

Academic (informal)

- Jun 2012 - Dec 2012 **Part-time Faculty Member**, *Triumphant Institute of Management Studies, Kozhikode*, Kerala, Handled Core Mathematics for CAT 2012, NIMSET 2013 and Computer Fundamentals for Bank PO students..
- Jun 2008 - Mar 2010 **Part-time Faculty Member**, *Department of Mathematics, Nalanda College and Tuition Center, Chengannur*, Kerala, Handled Mathematics for 11th and 12th standard students..
- Jun 2006 - Mar 2008 **Part-time Faculty Member**, *Division of Highersecondary School Studies, Prayaga Parallel College, Nayarambalam*, Kerala, Handled Mathematics for 11th and 12th standard students..
- Jun 2004 - Mar 2006 **Faculty Member**, *Division of High School Studies, Prayaga Parallel College, Nayarambalam*, Kerala, Handled Sanskrit and Mathematics for 8th and 9th standard students..

Academic Works

M.Tech Thesis

- Title *Towards a Better Algorithm for Domain Specific Clustering of Cancer Datasets*
- Description To compare efficiency of existing clustering algorithms over various types of cancers and to introduce an optimization to any of them.

B.Tech Main Project

- Title *Home Gateway Based on Intelligent Work*
- Description Aimed at providing an online facility to know the status and control electrical equipment at home, through a gateway kept at home.

B.Tech Seminar

- Title *Cloud Computing*
- Description Covered the then developments and applications in the field of Cloud Computing.

B.Tech Minor Project

Title *Library Management and Information retrieval System for College Library*
Description Implemented an online Library management System for the college studied in.

Honours Received

- AIR INDIA-Malayala Manorama RANK (Race for Awareness and Knowledge) Award winner (2006)
- Topped the schools studied in (2004, 2006)
- Bagged many prizes in extempore, debate, and other literary events, in various levels

Publications

- Authored a book in Malayalam, titled *Engineering Education: Possibilities and Opportunities* published by DC Books
- Arunanand T A, Abdul Nazeer K A, Palakal M J, Pradhan M, A nature-inspired hybrid Fuzzy C-means algorithm for better clustering of biological data sets, in Data Science and Engineering (ICDSE), 2014 International Conference on , vol., no., pp.76-82, 26-28 Aug. 2014.

Noted Positions Held

- Chair, NIT Calicut ACM Student Chapter (2012-2013)
- PG Member, Computer Science and Engg Association, NIT Calicut (2012-2013)
- Editor and Executive Member, Alumni Association of UG College studied in (2010-present)
- Chairman of Students' Executive Senate of the UG College studied in (2009-10)
- Event Manager, SUMMIT 09 - National Technical Festival (2009)
- Core Organizer of Various Intra and Inter Collegiate Competitions (2007-2012)
- School Head Boy and Chief Editor of the School Magazines (2002-2004)

Noted Invited Talks

- *One day workshop on Python Fundamentals, Scientific Computation and Data Analysis using Python*, at IEEE Computer Society India Symposium, College of Engineering Trivandrum, Kerala, Feb 2016
- *A Quick-start in Python Programming: Two day Workshop for students and faculty*, at National Institute of Engineering, Mysore, Feb 2016
- *Two day Workshop on Python Programming*, Workshop at Sree Buddha College of Engineering Pathanamthitta, Kerala, Nov 2015
- *Workshop on Python Programming*, Workshop at College of Engineering Chengannur, Kerala, Oct 2015
- *Unlearning what you learned!*, Session at College of Engineering, Vadakara, Kerala, Oct 2015
- *Polishing your Programming Prowess*, Session at MEA College of Engineering, Perinthalmanna, Kerala, Aug 2015
- *Learn, Code, Conquer*, Session at Summer School, Federal Institute of Science and Technology, Angamali, Kerala, Jul 2015

- *Academic and Career Excellence in IT*, Safi Institute of Advanced Study, Vazhayoor, Malappuram, Feb 2013
- *Opportunities in Computer Science*, Dayapuram Residential Higher Secondary School, Calicut, Nov 2012
- *Data Analysis using R*, NIT Calicut, Calicut, Oct 2012
- *Aptitude in Engineering*, College of Engineering Cherthala, Alappuzha, Aug 2011
- *How to Crack GATE*, College of Engineering Chengannur, Jul 2011
- *Proud Indian - Why not!*, National Service Scheme Seminar, Sept 2009

Personal Information

Languages Malayalam, English, Hindi

Hobbies Reading, writing, and teaching. Have published articles in leading dailies. Authored a book on Engineering education

Place: Bangalore, India

Date : March 8, 2016

ARUNANAND T A