

K.Srinivasan

(also known as : SrinivasanKannan, Ka.Shrinivaasan, ShrinivasKannan)
(Research Website : <https://sites.google.com/site/kuja27/>)

About Myself

Worked for various IT majors and startups for 19 years from 1999 and did Doctoral research in theoretical computer science till 2011. Presently working on a non-funded and not-for-profit opensource initiative and pursuing independent academic research.

Academics

- B.A(Hindi)-Praveen Uttarardh-Dakshin Bharat Hindi Prachar Sabha-Chennai - 1988-1992
- B.E(Computer Science)-PSG College of Technology,Coimbatore- 1995-99
- MSc(Computer Science)-Chennai Mathematical Institute(CMI),Chennai- 2008-10
- Junior Research Fellow (PhD-Computer Science)-CMI,Chennai-Incomplete- 2010-11

Work- Consultant and Fulltime

- Associate Software Engineer - BaaN Infosystems (now SSA Global),Hyderabad - 1999-2000
- Member Tech Staff - iPlanet (Sun Microsystems-Netscape Alliance), Bangalore - 2000-2002
- Member Tech Staff - Sun Microsystems (now Oracle) - Bangalore - 2002-2005
- System Analyst - Verizon - Chennai - 2005
- Senior Software Engineer - webMethods - Bangalore - 2006-2007
- Engineering Specialist - webMethods (now Software AG) - Bangalore - 2007-2008
- Consultant and Architect - Global Analytics (now GAIN credit) - Chennai - 2011-2013
- Consultant - PiQube Analytics (Clockwork Interviews) - Chennai - 2013-2014
- Architect - Cusdelight-CloudEnablers - Chennai - 2015

Research Publications

- Decidability of Complementation - 2011 - <http://arxiv.org/abs/1106.4102>
- Algorithms for Intrinsic Merit - 2010 - <http://arxiv.org/abs/1006.4458>
- NIST TAC 2010 version of Algorithms for Intrinsic Merit - http://www.nist.gov/tac/publications/2010/participant.papers/CMI_IIT.proceedings.pdf

Advisors and Publications Co-Authors - CMI/IMSc/IIT, Chennai

- Google Scholar - <https://scholar.google.co.in/citations?user=eLZY7CIAAAAJ&hl=en>
- DBLP - <http://dblp.dagstuhl.de/pers/hd/s/Shrinivaasan:Ka=>
- CMI - <https://www.cmi.ac.in/people/alumni-profile.php?id=shrinivas>

Publication Drafts - Unguided and Unreviewed - 2012-present

Independent academic research publication drafts expanded on previous publications - <https://sites.google.com/site/kuja27/>

Open Source Initiative - Krishna iResearch - 2003-present

Presently working individually on research and development of non-commercial, non-funded open source copyleft dual-licensed initiative (no team or sponsor involved) - cloud, bigdata analytics and machine learning augmented new Linux Kernel fork-off :

NeuronRain Research - http://sourceforge.net/users/ka_shrinivaasan

NeuronRain Enterprise - <https://github.com/shrinivaasanka/>

NeuronRain Documentation, FAQ and Licensing - <http://neuronrain-documentation.readthedocs.io/en/latest/>

Previous repositories include an open learning free courseware (https://github.com/shrinivaasanka/Grafit/tree/master/course_material) and implementations of publications and drafts in <https://sites.google.com/site/kuja27/>.

Detailed CV

Details on work and academics - https://sites.google.com/site/kuja27/CV_of_SrinivasanKannan_alias_KaShrinivaasan_alias_ShrinivasKannan.pdf

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Domain of Work - Development and Architecture

Middleware(Web, Application, Messaging etc.), Machine Learning, Bigdata Analytics, Linux Kernel, Cloud (Linux Kernelspace RPC, Hadoop, Spark, CloudOSes), C/C++/Java/Python.

Research Interests-Theory and Engineering

Computational Number Theory Algorithms, Computational Geometry, Computational Linguistics and Natural Language Processing, Computational Economics, Algorithms for Massive Datasets and Machine Learning, Intrinsic Fitness/Merit, Computational Complexity of Majority Voting, Satisfiability and related, Pseudorandomness, Program Analysis.