K.Srinivasan

$(also \quad spelt \quad as : SrinivasanKannan, Ka.Shrinivaasan, ShrinivasKannan)$
$(Research \quad Website : https://acadpdrafts.readthedocs.io)$

About Myself

Worked for various IT majors and startups 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 unaffiliated 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 - Gold Medalist for Proficiency
- MSc(Computer Science)-Chennai Mathematical Institute(CMI),Chennai- 2008-10
- Junior Research Fellow (Research Scholar-PhD-Computer Science)-CMI,Chennai-Incomplete-2010-11

Work

- 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 - CMI/IMSc/IIT,Chennai

- 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

Research Profiles

- Google Scholar - https://scholar.google.co.in/citations?user=eLZY7CIAAAAJ&hl=en
- DBLP - http://dblp.dagstuhl.de/pers/hd/s/Shrinivaasan:Ka=
- arXiv - ORCID - https://orcid.org/0000-0003-1822-4697
- Researchgate - https://www.researchgate.net/profile/Srinivasan_Kannan5
- Semantic Scholar - https://www.semanticscholar.org/author/Ka.-Shrinivaasan/1861803

Alumni Profiles

- CMI Alumni - 2008-10 - https://www.cmi.ac.in/people/alumni-profile.php?id=shrinivas
- CMI JRF - Research Scholar - 2010-11 - http://www.cmi.ac.in/people/fac-profile.php?id=shrinivas
- PSG Tech - 1995-99 - http://alumni.psgtech.ac.in/profile/view/srinivasan-kannan-1

Publication Drafts - Unguided and Unreviewed - 2012-present

Independent academic research publication drafts expanded on previous publications - https://acadpdrafts.readthedocs.io

Free Open Source Software - Krishna iResearch - NeuronRain AI - https://www.krishna-iresearch.org/ - 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 Green - https://github.com/shrinivaasanka/
Krishna iResearch GitHub Organization - https://github.com/Krishna-iResearch
Krishna iResearch TLD - http://www.krishna-iresearch.org/
NeuronRain Antariksh - https://gitlab.com/shrinivaasanka/
NeuronRain Documentation, FAQ and Licensing - http://neuronrain-documentation.readthedocs.io/en/latest/

GitHub pages NeuronRain Documentation, FAQ and Licensing - https://shrinivaasanka.github.io/Krishna_iResearch_DoxygenDocs/
NeuronRain Features - https://github.com/shrinivaasanka/asfer-github-code/blob/3372e4fa8c2b7018c
python-src/NeuronRainFeatures.txt
Previous repositories include an open learning free courseware (https://github.com/shrinivaasanka/Grafit/tree/master/course_material) replicated in SourceForge,GitLab and implementations of publications and drafts in https://acadpdrafts.readthedocs.io.

Brihaspathi - Private Online Virtual Classrooms and JAIMINI Closed Source Private Repositories

GitHub - Private repositories of virtual classrooms for various commercial online courses (BigData, Machine Learning, Topics in Mathematics and Computer Science,...) and JAIMINI Closed Source Derivative of NeuronRain - https://github.com/Brihaspathi - requires GitHub student logins
SourceForge - https://sourceforge.net/projects/jaimini/
GitLab - https://gitlab.com/shrinivaasanka/jaimini

Detailed CV

Details on work and academics - https://github.com/shrinivaasanka/Krishna_iResearch_DoxygenDocs/blob/master/kuja27_website_mirrored/site/kuja27/CV_of_SrinivasanKannan_alias_KaShrinivaasan_alias_ShrinivasKannan.pdf , https://github.com/shrinivaasanka/Krishna_iResearch_DoxygenDocs/blob/master/kuja27_website_mirrored/site/kuja27/BITSPilaniAV.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-Theory and Engineering

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