Papers I Love

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1 Computer Science

1.1 Algorithms

1.1.1 Analysis

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1.1.2 Compression

1. Data Compression Using Long Common Strings http://www.cs.brandeis.edu/~dilant/cs175/%5BSiying-Dong%5D.pdf

1.1.3 Hash

 SHA-1 and the Strict Avalanche Criterion https://arxiv.org/pdf/1609.00616.pdf

1.1.4 Data Structures

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1.1.5 Elections + Consensus

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- 3. In Search of an Understandable Consensus Algorithm https://ramcloud.atlassian.net/wiki/download/attachments/6586375/raft.pdf

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1.2.1 Computer Architecture

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- Enabling Multi-Tenancy an Industrial Experience Report http://swerl.tudelft.nl/twiki/pub/Main/TechnicalReports/TUD-SERG-2010-030.pdf
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1.2.5 Servers

 Flash an Efficient and Portable Web Server https://www.usenix.org/event/usenix99/full_papers/pai/pai.pdf

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- 2. The Hla Tutorial http://www.pitch.se/hlatutorial

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1.2.8 Overlay Networks

1. Architectures for an Event Notification Service Scalable to Wide-Area Networks

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- A Brief History of Process Algebra http://alexandria.tue.nl/extra1/wskrap/publichtml/200402.pdf
- 2. Some of My Favourite Results in Classic Process Algebra (Version of September 9, 2003)

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1. Adaptive Overload Control for Busy Internet Servers http://academic.research.microsoft.com/Publication/634136/adaptive-overload-control-for-busy-internet-servers http://www.eecs.harvard.edu/~mdw/papers/control-usits03.pdf

1.3 Programming Paradigms

1.3.1 Language Analysis

1. Evaluating the Design of the R Language http://r.cs.purdue.edu/pub/ecoop12.pdf

1.3.2 Process Theory

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1. A Generic Architecture for Fusion-Based Intrusion Detection Systems https://rcdeboer.home.xs4all.nl/rcdb_thesis.pdf

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1.7 Text Mining

- Text Mining Infrastructure in R https://www.jstatsoft.org/article/view/v025i05
- 2. Checkers Is Solved
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1.8 VIPs

 Richard Bellman's contributions to computer science http://www.sciencedirect.com/science/article/pii/0022247X86901460

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2.1 Real Analysis

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- 4. An introduction to ROC analysis https://ccrma.stanford.edu/workshops/mir2009/references/ROCintro.pdf
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2.3 Forecast

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3 Science

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4.1 Political Economy

4.1.1 Taxes

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