
James E. Ries
CURRICULUM VITAE

EngiNet Technologies

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EDUCATION

- [University of Missouri](#), Columbia, MO course work toward PhD, [Computer Science](#)
- [University of Missouri](#), Columbia, MO 1998 MS, Computer Science
- [University of Missouri](#), Columbia, MO 1988 BS, Computer Science

PROFESSIONAL EXPERIENCE

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|------------------------|--|
| 1998 - present | Contract Software Developer for a variety of companies including: EngiNet Technologies , Columbia, MO Blue River Technologies , Kansas City, MO Qwest Internet Solutions , Los Angeles, CA UGS , Columbia, MO |
| 2005 | Adjunct Instructor Health Management and Informatics Department , University of Missouri-Columbia |
| 2002, 2004, 2005, 2007 | Graduate Teaching Assistant Computer Science Department , University of Missouri-Columbia |
| 2001 - 2003 | Graduate Research Assistant Animal Sciences , University of Missouri-Columbia |
| 1998 - 2001 | National Library of Medicine Predoctoral Fellow Health Management and Informatics Department , School of Medicine University of Missouri-Columbia |

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| 1998 | Project Manager Automated Business Solutions Columbia, MO |
| 1991 - 1998 | Senior Software Developer Quarterdeck (formerly Datastorm Technologies) Columbia, MO |
| 1991 | Programmer/Analyst II University Hospitals and Clinics Columbia, MO |
| 1988 - 1991 | Manager of Data Processing Capital Bank (now Union Planters Bank) Columbia, MO |
| 1987 - 1988 | Computer Operator Capital Bank (now Union Planters Bank) Columbia, MO |

PUBLICATIONS

Refereed Journal Publications

- Agca C, **Ries JE**, Kolath SJ, Kim JH, Forrester LJ, Antoniou E, Whitworth KM, Mathialagan N, Springer GK, Prather RS, Lucy MC. July 2006. Luteinization of porcine preovulatory follicles leads to systematic changes in follicular gene expression. *Reproduction*. 132(1):133-45.
- Jiang, H., K.M. Whitworth, N.J. Bivens, **J.E. Ries**, R.J. Woods, L.J. Forrester, G.K. Springer, N. Mathialagan, C. Agca, R.S. Prather, M.C. Lucy. 2004. Large-scale generation and analysis of expressed sequence tags from porcine ovary. *Biol. Reprod*. 71: 1991-2002
- Whitworth, K., G.K. Springer, L.J. Forrester, W.G. Spollen, **J. Ries**, W.R. Lamberson, N. Bivens, C.N. Murphy, N. Mathialigan, J.A. Green, R.S. Prather. 2004. Developmental expression of 2489 gene clusters during pig embryogenesis: and expressed sequence tag project. *Biol. Reprod*. 71: 1230
- Jiang, H., N.J. Bivens, **J.E. Ries**, K.M. Whitworth, J.A. Green, L.J. Forrester, G.K. Springer, B.A. Didion, N. Mathialagan, R.S. Prather, and M.C. Lucy. 2001. Constructing cDNA Libraries with Fewer Clones that Contain Long poly(dA) Tails. *BioTechniques* 31: 38

Refereed Conference Proceedings

- Asaro PV, **Ries JE**, et al. (2002). Multidimensional Data Mining Using Linked Entity Characterizations. American Medical Informatics Association Annual Symposium, San Antonio, Texas.
- Peterson GM, Su K, **Ries JE**, Sievert ME. An Examination of Natural Language as a Query Formation Tool for Retrieving Information on e-health from Pub Med. *ASIST 2002 Proceedings of the Annual Meeting*. 39:214-219.

- Su K, **Ries JE**, Peterson GM, Sievert ME, Patrick TB, Moxley DE, Ries LD. Comparing Frequency of Word Occurrences in Abstracts and Texts Using Two Stop Word Lists. In: Proc. AMIA Symp. 2001;:682-6.
- **Ries JE**, Su K, Peterson GM, Sievert ME, Patrick TB, Moxley DE, Ries LD. Comparing Frequency of Content-Bearing Words in Abstracts and Texts in Articles from Four Medical Journals: An Exploratory Study. In: Proc. Medinfo. 2001. p. 381-384.
- **Ries JE**, Springer GK. The Distributed Clearance Project: A Case Study in Distributed Computing. In: Proc. 4th World Multiconference on Systemics, Cybernetics and Informatics. 2000.
- **Ries JE**, Asaro PV, Guillen A, Ivanova J. The Futility of Common Firewall Policies: An Experimental Demonstration. In: Proc. AMIA Symp 2000. p. 699-703.
- Patrick TB, Sievert ME, **Ries J**, Popescu M, Andrews J, Reid JC. Clustering Terms in Health Care Terminologies. In: Proc. 62nd Annual Meeting of the American Society for Information Science. 1999. p. 365-372.

Technical Reports

- **Ries JE**. Interconnecting Personal Computers with the Distributed Computing Environment. University of Missouri Master's Thesis. Available from: <http://JimRies.com/MSThesis/ThesisFull.htm>. July 1998.

Invited Presentations

- **Ries JE**, Springer GK. CTSeq: A Gene Sequence Analysis Database Built for Speed. Presented to: National Library of Medicine Training Directors Meeting. Available from: <http://jimries.com/SeqCTree/>. 2001.
- **Ries JE**. The Futility of Common Firewall Policies. Presented to: University of Missouri NLM Fellows Seminar and University of Missouri course CECS 383. Available from: <http://JimRies.com/Firehole/>. 2000.
- **Ries JE**. Neural Networks: An Introduction and Overview. Presented to: University of Missouri NLM Fellows Seminar. Available from: <http://JimRies.com/Neural%20Network%20Overview/index.htm>. 2000.
- Lucy M, **Ries JE**, Forrester LJ, Springer GK. Swine Genome Project: From Laboratory to Library to Livestock. Presented to: University of Missouri Board of Curators and University of Missouri Internet2 Fair. Available from: http://ascswine.rnet.missouri.edu/Swine_Demo_Handout-091200.html. 2000.
- **Ries JE**. Distributed Computing. Presented to: Engineering Animations, Inc. Annual Developer Conference. 1999.
- **Ries JE**. Microsoft's Distributed Component Object Model (DCOM). Presented to: University of Missouri NLM Fellows Seminar and University of Missouri course CECS 478. Available from: <http://JimRies.com/DCOM/>. 1999.

Abstracts

- Patrick TB, Andrews JE, **Ries JE**, Sievert ME, Budd J, Harris K, Balas A, Springer GK. Managing Knowledge Networks. In: Proc. AMIA Symp 1999;:1135.
- Asaro PV, **Ries JE**. Data Mining in Medical Record Access Logs. In: Proc. AMIA Symp 2001.

ORGANIZATIONS

- Institute of Electrical and Electronics Engineers (IEEE)
member: Computer Society
member: Engineering in Medicine and Biology Society
- Association for Computing Machinery (ACM)
member: SIGCOMM
member: SIGBIO
- American Medical Informatics Association (AMIA)
member: Student Working Group
member: Genomic Working Group
- American Society for Information Science and Technology (ASIST)

PROFESSIONAL ACTIVITIES

Reviewer

- Informatica - An International Journal of Computing and Informatics. Special Issue on Component Based Software Development