

Curriculum Vitae: Jaakko J. Väyrynen (March 2, 2011)

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Department of Information and Computer Science

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Education

- BSc studies, Sep 2009–, Aalto University School of Economics
 - GPA 3.62/5, 64 ECTS
- Doctoral studies in CSE, Mar 2005–2011 (est.), Aalto University School of Science
 - GPA 4.47/5
- MSc in Computer Science and Engineering, Sep 1999–Jan 2005, Helsinki University of Technology
 - GPA 4.02/5, graduated with distinction
 - Computer and Information Science (major), Language Technology (minor)
- Matriculation examination, May 1998, Jokelan lukio, Tuusula, Finland

Professional Experience

- Researcher, Jun 2005–
Dept. of Computer Science and Engineering, Helsinki University of Technology
 - Research for finding emergent features for words from text, statistical machine translation
- Research Assistant, Jun–Aug 2001 and 2002, Oct 2002–May 2003 (part-time), Jun 2003–May 2005
Dept. of Computer Science and Engineering, Helsinki University of Technology
 - Research for finding emergent features in natural images, image sequences and for words
- Teaching Assistant for a Special Course in Language Technology, autumn semester 2005
Dept. of Computer Science and Engineering, Helsinki University of Technology
 - Preparing course contents and collecting material,
- Teaching Assistant for a programming course in Scheme, semesters in 2000, 2001 and 2002
Dept. of Computer Science and Engineering, Helsinki University of Technology
 - Holding exercise sessions, supervision of assignments and project works, grading exams
- Teaching Assistant, Jun–Aug 2000
Dept. of Computer Science and Engineering, Helsinki University of Technology
 - Preparation and testing of assignments and project works

Grants and Awards

- Scholarship from Emil Aaltonen Foundation, 2008
- Scholarship from Nokia Foundation, 2007
- Scholarship from Emil Aaltonen Foundation, 2007
- Award for fast progress in graduate studies from Helsinki University of Technology, 2007
- Scholarship from Nokia Foundation, 2006
- HeCSE stipends (total 4 years) for pursuing graduate studies, 2005 and 2007

Scientific interests

- Machine learning, unsupervised learning in particular
- Language technology, including statistical machine translation

Conferences and Presentations

- Machine Translation Twenty-Five Years on, Nov 21–22, 2009, oral presentation
- Machine Translation Summit XI, Sep 10–14, 2007, poster presentation
- International Joint Conference on Neural Networks, Aug 12–17, 2007, poster presentation
- Workshop on Semantic Content Acquisition and Representation, May 24, 2007, oral presentation
- The Ninth Scandinavian Conference on Artificial Intelligence, Oct 25–27, 2006, oral presentation
- Adaptive Knowledge Representation and Reasoning Conference, Jun 15–17 2005, oral presentation
- The 6th Nordic Signal Processing Symposium, Jun 9–12, 2004, oral presentation
- Finnish Artificial Intelligence Conference STeP, Sep 1, 2004, oral presentation

Professional Memberships

- Board member of the Finnish Artificial Intelligence Society