

Curriculum Vitae

Name Riku Ernesti Järvinen

Personal information

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Education

Matriculation examination spring 2004, Kotkan lyseon lukio.

B. Sc. (theoretical physics), University of Jyväskylä, April 2008.

Professional interests

Bell inequalities and pure quantum state entanglement.

Personal knowledge management.

Computer usability.

Skills

Languages. Finnish as mother tongue. English (fluent written and spoken), German (good written and spoken), Swedish (good written, adequate spoken).

Computer Science. Studied at University level as a minor subject (84 ECTS). Fundamentals of programming and typesetting (Java, C++, \LaTeX), Office suites (mainly LibreOffice), Web development (Twitter Bootstrap, HTML & CSS). I've assembled around 30 desktop computers as a hobby.

Personal knowledge management. I've written an e-book about personal knowledge management using Evernote and GTD. It is available on my business page <http://tvtkoulu.fi>.

Computer keyboard usability. I'm offering a private educational service to ins and outs of computer keyboard usability. More info on my business page, <http://tvtkoulu.fi>.

Touch typing. At least 300 characters per minute.

Professional experience as a teacher

Full-time teacher at Ruokolahti Comprehensive school August 2013 – July 2014. 21 hours of teaching plus 2 hours of computer administration per week. Work with computers involved administration of iPad and iPad Mini tablet computers, secure deletion of data from old desktop hard drives, installation and uninstallation of programs on Windows 7 and maintenance of presentation technology (document cameras, projectors etc.).

Part-time instructor at University of Jyväskylä physics student lab, June 2007 – December 2008 (intermediate level) and June 2011 – May 2012 (first-year students). Approximately 200 hours of teaching.

Full-time teacher at Virolahti high school & comprehensive school and Miehikkälä comprehensive school August 2010 – July 2011. 25 hours of teaching plus 5 hours of computer system administration per week. Work with computers involved a large project of creating custom images of Microsoft Windows XP & 7 and cloning them on 100+ machines using MS Windows professional system administration tools (WAIK).

Teacher of medical physics at Alkio-opisto, Korpilahti, winter semesters 2008 and 2009. Work involved preparation of teaching materials. Altogether 150 hours of teaching plus around 300 pages of self-prepared material typed mostly with \LaTeX .

Teaching assistant for courses FYSP101 and FYSP102 (Newtonian mechanics), Univ. of Jyväskylä, autumn 2008. 42 hours of teaching.

Studies

Student of physics (since 2004) and computer science (2008), 469 ECTS.

Minor subject studies in computational sciences completed in April 2013.

Major subject studies in mathematics completed in February 2008.

Teacher's pedagogical studies completed in May 2007.

Other activities

Exchange student, Johannes Kepler Universität Linz, autumn 2012.

Exchange student, University of Toronto, spring 2006.

Physics tutor, University of Jyväskylä, autumn 2005.

Free-time interests

Wellness (rest, nutrition, physical exercise)

Philosophy of life in general.