

# Curriculum Vitae

Name Riku Ernesti Järvinen

## Personal information

DATE OF BIRTH: 26.8.1985  
POSITION: Software Engineer, Magister Solutions Ltd.  
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## Formal education

Matriculation examination spring 2004, Kotkan lyseon lukio.

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

\*M. Sc. (theoretical physics), University of Jyväskylä, estimated completion April 2018.

## Professional interests

Software Design and Architecture, Full-Stack Development

Efficiency and personal knowledge management in knowledge work.

## Skills

**Languages.** Finnish as mother tongue. English (fluent written and spoken), German (basic communication skills), Swedish (Basic communication skills).

**Computers.** Good programming and expert typesetting skills (Java, C++, Bash,  $\LaTeX$ ; VIM, Eclipse, Notepad++, TexnicCenter), Good command of Linux and it's command-line, basics of front-end web development (Bootstrap, HTML, CSS, JavaScript) and version control (Git / SVN). Touch typing at 400 characters per minute, expert working knowledge of solving computer-related problems.

**Entrepreneurship.** From October 2014 till December 2016, I worked as an entrepreneur (Tieto- ja viestintäteknikkakoulu). My business offered educational services in the field of daily practical computer matters such as cloud services, information security and device usability.

## Professional experience

Software Engineer, Magister Solutions Ltd. 3/2018–now.

Teacher of Mathematics and physics at Uurainen comprehensive school, 1/2017–4/2017. I also set up Meraki MDM for Apple iPads in educational use.

Entrepreneur (Tieto- ja viestintäteknikkakoulu), 8/2014–12/2016. I did teaching, lectures and prepared a BASH program to create optimal touch typing exercises.

Full-time teacher at Ruokolahti comprehensive school, 8/2013–7/2014. I also did administration of iPads and secure deletion of data from hard drives (DBAN).

Part-time instructor at University of Jyväskylä physics student lab, 6/2007–12/2008 and 6/2011–5/2012, 200 hours of teaching.

Full-time Teacher at Virolahti and Miehikkälä schools, 8/2010–7/2011. I also created a customized Windows 7 images and cloned them on 100+ machines using Microsoft's WAIK.

Teacher of medical physics at Alkio-opisto, Korpilahti, autumns 2008 and 2009, 150 hours of teaching.

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

## Studies

Student of physics (since 2004) and computer science (2008), 473 ECTS.

Minor studies in computer science completed in April 2013, grade 5/5.

Major studies in mathematics completed in February 2008, grade 4/5.

Teacher's pedagogical studies completed in May 2007.

## Other education

Digabi (YTL) Trainer, November 2014.

Participated in GTD® Mastering Workflow Seminar Dublin, June 2014.

Exchange student, Johannes Kepler Universität Linz, autumn 2012.

Exchange student, University of Toronto, spring 2006.

## Personal interests

Human movement for well-being & science behind these things.

Pet Biewer-Yorkshire terrier, Miko