

Mr Risto-Antti Paju

Education

University of Jyväskylä, Finland Graduate studies in Physics, 2005–2006 Teacher training in Physics and Mathematics, 2006–2008 Subject studies in Chemistry, 2009–2010	2005–2010
Queens' College, University of Cambridge, UK MA & MSci (Hons) Natural Sciences: Experimental and Theoretical Physics	1998–2002
Kuopion Lyseon Lukio, Kuopio, Finland IB Diploma, total 40/45 points	1994–1997
Comprehensive School, Varkaus, Finland Final grade average: 9.4/10	1985–1994

Professional experience

Viitaniemi School, Jyväskylä, Finland Mathematics and science teacher	August 2010–
Department of Environmental Science, University of Kuopio, Finland Research scientist	November 2008–July 2009
Normaalikoulu, University of Jyväskylä, Finland Part-time science teacher	April–September 2008
Agora Center, University of Jyväskylä, Finland Research assistant, Agora Game Lab	September 2006
Voionmaa School, Jyväskylä, Finland Mathematics and science teacher, IT administrator	2003–2005
Metso Automation Inc. Field Systems, Varkaus, Finland Summer trainee: Hardware and software development for industrial measurement systems	July–September 2002
CERN, Geneva, Switzerland Summer student: Software development for the HARP hadron production experiment	July–September 2001
PulpExpert OY, Varkaus, Finland Summer trainee: Hardware development for industrial measurement systems	June–September 2000
Varkaus Town, Finland Summer trainee: Interpreter, graphical and newspaper work	July–September 1998

Language proficiency

Finnish (mother tongue); English (fluent); German, Swedish (fair); Chinese (basic)

Computing skills

Fields of experience	Scientific computing, web development, technical authoring, signal processing, electronic music, system and network administration
Languages	Bash, C, C++, CSS, Fortran, [X]HTML, LaTeX, Matlab, Perl, PHP, Python, SQL
Operating systems	Linux, NetBSD, generic unix, DOS, Windows

Voluntary work and positions of trust

Jyväskylä Student Theatre:

- Musician, composer, light and sound designer/technician, 2005–2009
- Technology and entertainment officer 2006–2007
- Treasurer 2008

Sektor.com news forum: moderator 2002–

Varsity (Cambridge student newspaper) and bluesci.com: science reporter 2000–2001

Cambridge University Scientific Society: general committee member 2001

Cambridge University Physics Society: Queens' College representative 1999–2001

Kuopion Lyseon lukio: physics/mathematics tutor 1995–1996

Distinctions and awards

Top ten placements in national competitions of secondary-school mathematics, physics and chemistry, 1995-1997

Second place in an international secondary-school physics competition in Sopron, Hungary, June 1996

Foundation Scholarship at Queens' College, Cambridge, June 2000

Other interests

Music composition and production, writing, yoga, electronics, programming

Contact info

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IRC	teknohog on IRCnet