

Mr Risto-Antti Paju

Education

University of Jyväskylä, Finland 2005–2010
Graduate studies in Physics, 2005–2006
Teacher training in Physics and Mathematics, 2006–2008
Subject studies in Chemistry, 2009–2010

Queens' College, University of Cambridge, UK 1998–2002
MA & MSci (Hons) Natural Sciences: Experimental and Theoretical Physics

Kuopion Lyseon Lukio, Kuopio, Finland 1994–1997
IB Diploma, total 40/45 points

Professional experience

Viitaniemi School, Jyväskylä, Finland August 2010–
Mathematics and science teacher

Department of Environmental Science, University of Kuopio, Finland November 2008–July 2009
Research scientist

Normaalikoulu, University of Jyväskylä, Finland April–September 2008
Part-time science teacher

Agora Center, University of Jyväskylä, Finland September 2006
Research assistant, Agora Game Lab

Voionmaa School, Jyväskylä, Finland 2003–2005
Mathematics and science teacher, IT administrator

Metso Automation Inc. Field Systems, Varkaus, Finland July–September 2002
Summer trainee: Hardware and software development for industrial measurement systems

CERN, Geneva, Switzerland July–September 2001
Summer student: Software development for the HARP hadron production experiment

PulpExpert OY, Varkaus, Finland June–September 2000
Summer trainee: Hardware development for industrial measurement systems

Varkaus Town, Finland July–September 1998
Summer trainee: Interpreter, graphical and newspaper work

Language proficiency

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

Computing and electronics

Fields of experience	Simulations, signal processing, measurement systems, system and network administration, technical writing
Languages and tools	Bash, C, C++, CSS, Fluent, Fortran, [X]HTML, LaTeX, Matlab, MySQL, Perl, PHP, Python, Verilog
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