

Curriculum Vitae

Name: Kristján Valur Jónsson
Home: Fannafold 148, 112 Reykjavík, Iceland
e-mail: kristjanvj@ru.is, kristjanvj@gmail.com
Institution: Reykjavik University, Department of Computer Science, Kringlunni 1, 103 Reykjavik, Iceland

Personal information:

Born July 17, 1966 in Reykjavík. Married to Fjóla Jónsdóttir, associate professor of mechanical engineering at the University of Iceland. Daughter, Vala Rún, born December 31, 2003, and a son, Jón Valur, born November 10, 2005.

Academic record:

1986-1990	Walla Walla College, College Place, USA	BS electrical engineering
2005-2008	Reykjavik University, Iceland	MS in computer science, graduation January 2008
2008-	Reykjavik University, Iceland / Royal Institute of Technology (KTH), Sweden	Ph.D. studies

Enrolled in the MS program at Reykjavik University in 2005. Graduated in January 2008. Enrolled in the Ph.D. program at Reykjavik University in the spring/summer 2008, initially working under Dr. Úlfar Erlingsson at the laboratory for dependable secure systems (LDSS). Currently working under the guidance of Dr. Mads Dam at the Royal Institute of Technology (KTH) in Stockholm, Sweden and Dr. Ari K. Jónsson at RU on a double degree plan. My thesis subject is security and dependability of distributed systems, in particular distributed aggregation networks.

Publications:

Kristján V. Jónsson, Ólafur R. Helgason and Gunnar Karlsson. *A gateway for wireless broadcasting*. CoNEXT Student Workshop, New York, NY, December 2007.

Ólafur R. Helgason and Kristján V. Jónsson. *Opportunistic Networking in OMNeT++*. SIMUTOOLS 2008, OMNeT++ Workshop, Marseille, France, 2008.

Kristján V. Jónsson, *HttpTools: A Toolkit for Simulation of Web Hosts in OMNeT++*, In proceedings of the 2nd OMNeT++ Workshop, Rome, Italy, March 2009

Teaching:

Discrete mathematics I (T-117-STR1), teaching assistant, fall 2005, spring 2006 and spring 2008.

Discrete mathematics II (T-419-STR2), teaching assistant, spring 2008.

Operating systems (T-215-STY1), teaching assistant, fall 2007, fall 2008.

Memberships:

ACM (Student member)

IEEE Computer Society (Student member)

Professional career:

1999 - 2004 Kögun hf, Iceland

Software development and project management.

1996-1999 Rafhönnun hf, Consulting Engineers, Reykjavik, Iceland

Electrical engineering consulting work, including control systems design and specification. Installation and programming of industrial controllers and software development

1993-1996 Frumherji hf, Iceland

Technical manager of market surveillance of electrical installations and appliances.

1991-1993 Icelandic electrical inspection

Inspection of electrical installations and appliances.