

Janne P. Hukkinen



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INTERESTS I like to engage with people, be they colleagues or customers. Understanding causes, effects, and different kinds of mechanisms (of people, society, and technology) is my intellectual passion. That lays the foundation for judgements and recommendations I make. I am helpful, considerate, and at my best inspiring.

I work with the mentality of an engineer, but I approach things from humane, ethical, and knowledge processing perspective. I think holistically and try to pinpoint the strategically most interesting problems to solve, while still being available for the necessary but relaxing mundane tasks.

EDUCATION Cognitive Science, University of Helsinki. Currently: Bachelor's degree missing three courses. Master's thesis accepted in January 2012.

Secondary subjects: Computer Science, Theoretical Philosophy.
Basic Studies I in Translation and Interpretation of Russian.

EXPERIENCE **Ministry of Justice** Finland

University Trainee

Oct 2011 - Feb 2012

- Requirements specification and usability guidance of governmental eParticipation web services (extremely interesting)
- Recruiting administrative affairs to public discussion forum Otakantaa.fi
- Facebook promotion design of the official information about 2012 presidential elections (learned official constraints)
- Promoting administrative transparency with social media (very challenging).
- Reforming a bilingual version of separate YSA and Allärs 22.543 word Finnish-Swedish thesauri (perfect challenge)

Personal Parliamentary Election Campaign, Helsinki

Parliamentary Candidate

Dec 2010 - Apr 2011

- Designing and executing your own campaign was one of the most exciting experiences of my life. Having complete intellectual control of the strategy, technologies, and public delivery gave valuable entrepreneurial media experience in understanding societal issues.
- Marketing (toughest problem) I tried to master by sharing flyers (3000), building web pages (1750 unique visitors), writing blogs (3651 times read), producing Youtube videos (600 views), and submitting to candidate selection engines / voting advice applications.
- I received 65 votes in Helsinki district. Being an independent candidate on the lists of Pirate Party gave me valuable experience in trying to influence an organization with strategic insights.

Helsinki Institute of Information Technology, Espoo

Research Assistant

Nov 2009 - Nov 2010

- We studied the expertise and skilled performance of IT system administrators: Where is the difference between novices, regular, and expert system administrators? I was designing and implementing the experimental setup, also interviewing informants and reading literature.

Sep 2008 - Feb 2009

- The study of my master's thesis was published in SIGIR'2009, one of the most valued in the field: Increasing the amount of search results decreases the satisfaction of the users.

Helsinki University of Technology, Espoo

Research Assistant

Apr 2006 - May 2007

- Refactoring and reprogramming a simple computational model of cerebellum using Matlab technical computing and Webots robots simulator.
- Investigations into prerequisites of linguistic communication in embodied situated robots.
- Video-editing.

Etnoteam Finland, Helsinki

Usability Assistant

Dec 2004 - Dec 2005

- Recruiting enlisted participants for usability testing and general assistance.
- Transcribing usability test videos.

Family Caregiver, Helsinki

Father's Caregiver

Mar 2004 - Dec 2005

- When you have a disabled World War II veteran as a father and look after him in his old days, it reveals the limits of how much you can give.

Intelligenza ry., Cognitive Science Student Organization of Helsinki University

Chairman

Jan 2002 - Dec 2002

A new and the only professor for the cognitive science was selected during my presidency. I demonstrated conscious and active role as students' representative. This motivated the candidates to excel.

- I organized and implemented our official candidate voting and utilized the results.
- To enhance governmental transparency and openness, I published all the relevant documents online. This also helped in promoting the student involvement and voting activity.
- Further, I also recorded and published online all the candidates' demonstration lessons.

Department of Psychology, University of Helsinki

Notes Sherif

Sep 2001 - Dec 2001

- Lotus Notes v4.6 user support and web service design.

Nokia Research Center, Helsinki

Summer Trainee

May 2000 - Sept 2000

- Pioneering research on adaptive user interfaces: I invented (intention report submitted) and validated empirically an undisclosed functionality. My data was also used internally in other contexts in later years.

Summer Trainee

May 2002 - Sept 2002

- Human-computer interaction design in predictive text input methods.

COMPUTER AND
IT SKILLS

With good comfort and skill, I can resolve general computer and IT related problems in Linux, Windows, Mac, and mobile phone platforms. I am also capable in understanding radio transmission technologies due to my amateur radio hobby and national service. Details:

- Web Development, Big-Data Manipulations, Programming, and Statistical Analysis: good and wide-ranging basic knowledge in following languages and frameworks: JavaScript/JQuery, HTML5, CSS3, R-project statistics, Python/Django, bash scripting, PHP, Matlab, Ruby/Sinatra, SQL, Java, Basic.
- Linux servers: good skills in Ubuntu and Debian Linux distributions: service setup, administration, and service design. Founded and administered the Linux server infrastructure of our student organization *Intelligenza ry.* (www and shell services). I developed and still maintain an automated backup system.
- Relational databases (SQL): moderate design skills. I developed a *personal social bibliography management system* using LAMP technologies.
- Smartphones and mobile phones (Symbian): excellent usage skills and good administration skills.
- Office software: advanced skills (MS Office, LibreOffice/OpenOffice.org).
- Image manipulation: narrow but good skills.
- Video-editing and digital photography: good skills.

PUBLICATIONS

Oulasvirta, A., Hukkinen, J. P., and Schwartz, B. (2009). *When more is less: the paradox of choice in search engine use.* In Proceedings of the 32nd international ACM SIGIR conference on Research and development in information retrieval, SIGIR '09, pages 516-523, New York, NY, USA. ACM.

Hukkinen, J., Särkämö, T., Nyman, P., Mäkelä, T., Vainio, V., Typpi, M. & the other workshop 1999 students (2000). *A student perspective on a workshop in cognitive psychology and perception.* Inno 2000 – Innovations in Higher Education. University of Helsinki, Finland.

ARTISTIC MEDIA
SKILLS

DJing and turntablism: In 1996 I became the third (of three participants) in the Finnish DMC championships. I have also played for mixed audiences as a DJ, before and during my university studies.

Script writing, drama, and acting in spex, a student comedy theater: “Sovinstinen manifesti” (2008), “Paritarinaa” (2007).

Photography: A hobby since young age, intrigued by capturing moments with people, situations, and scenery.

Video: Shot and edited digital videos, preferring mobile ad hoc live streaming using Bambuser or Youtube.

LANGUAGES

Finnish - mother tongue
English - good
German - good
Swedish - moderate
Russian, Estonian, Spanish - beginner

Helsinki 9.1.2013