

# DR. JAVED VASILEIOS KHAN

## PERSONAL

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Nationalities: **Greek and Dutch**  
Date of birth: **17/06/1976**

## EDUCATION

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- 11/2004 - 11/2009 **PhD, Industrial Design Dept.**  
*Eindhoven University of Technology*  
Research topic: how Pervasive Computing can support the communication of busy families.
- 09/2002 - 09/2004 **Professional Doctorate in Human Computer Interaction**  
*Eindhoven University of Technology*  
User-System Interaction post-graduate program. Research on the domain of Human-Computer Interaction in an international, two-year postgraduate program. Working in multi-disciplinary, multi-cultural design teams.
- 09/1994 - 10/2000 **MSc, Computer Engineering**  
*University of Patras, Greece*  
Covered the whole spectrum of Computer Science topics. Specialized in Software Engineering and particularly in web development and human computer interaction. GPA: 7.47/10

## WORK EXPERIENCE

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- 08/2010 - present **NHTV Breda University of Applied Sciences**  
**Senior Lecturer & Lead Researcher**  
Taught topics such as: Research Methodologies, Market Research, Interactive Video and Media Technologies to first, second and third year bachelor students at the Media Management program of the Academy of Digital Entertainment. I have also given a series of lectures on HCI methods for Master students at the Media Innovation program of the same university. Moreover, I am the lead researcher on the topic of location based services and virtual environments, currently leading a team of four students and two permanent staff.
- 01/2009 – 01/2011 **KidzFrame.com**  
**Co-founder**  
KidzFrame.com is an innovative communication system connecting parents to their children at the daycare. Caretakers are given cameraphones through which they can keep parents up to date of their children's activities by sending photos and short messages.

- 11/2009 – 06/2010 *Eindhoven University of Technology, Industrial Design Dept.*  
**Human-Computer Interaction Researcher**  
 Researcher in the User-Centered Engineering Group of Industrial Design Department. The research objective was to make a tool for researchers to conduct Experience Sampling studies from the comfort of their desks. The tool was used to create a diary for patients suffering from obsessive-compulsive disorder and was evaluated in a field trial at the Hospital for Psychological Disorders at Ermelo, the Netherlands.
- 11/2004 - 12/2008 *Philips Research, User Experiences Group, Eindhoven*  
**Human-Computer Interaction Researcher (Guest)**  
 Conducted user research using interviews, surveys and the experience sampling method.
- 01/2004 - 08/2004 *Vodafone R&D, Maastricht*  
**Human-Computer Interaction Researcher**  
 Researcher in the Customer Competence Insight team. Field of research was on trust and the interface factors that can affect it. Organized a user-study to discover aspects of trust in a mobile service context. Also, setup and executed a user-test to test concepts that potentially would increase trust in a service.
- 06/1999 - 06/2002 *Computer Technology Institute (CTI), Greece*  
**Software Engineer**  
 Worked in two sectors of CTI: Research Unit 6 and Networking Technologies Sector. In both of them had several software development projects of different nature. Database design and development, Website design and development, shell programming. Main task was front and back-end development of web applications.
- 01/1999 - 06/1999 *Knowledge S.A., Greece*  
**Web Developer**  
 Worked in a team of three software engineers as part of university's internship program. Developed a distributed access application, over the Internet, of the databases of the local chambers of commerce of Epirus.
- 1999 - present **Freelance Software Engineer**  
 For a complete list of projects refer to the projects section of [vjkhan.com](http://vjkhan.com)

## LANGUAGES

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<b>Greek</b>	: native
<b>English</b>	: fluent, TOEFL: 277/300, Cambridge First Certificate
<b>Dutch</b>	: advanced, NT2 (deel 2), 2007
<b>Hindi</b>	: fluent

## INTERESTS

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### **Drums, percussion**

Style: Jazz, Blues, Latin

### **Sports**

Basketball, Squash, Badminton, Swimming, Cycling

### **Stained glass**

Participation in a workshop held in Breda, setting up a home workshop

## Journalism

Interviewed HCI academics and was editor for HCI and technology related articles published at EuAsiaNews.com and the newsletter of the Usinet.nl.

### SELECTED PUBLICATIONS

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- In press **Khan, V.J.** & Markopoulos, P. (2011-expected). Intra-family mediated awareness. *International Journal of Mobile Human Computer Interaction*.
- In press **Khan, V.J.** & Markopoulos, P. (2011-expected). Sampling and Reconstructing User Experience. *International Journal of Handheld Computing Research*.
- In press **Khan, V.J.**, Markopoulos, P. & Spijksma, N. (2011-to appear). On the Use of Pervasive Computing to Support Patients with Obsessive Compulsive Disorder. In *Extended Abstracts of ACM CHI2011*. ACM Press.
- 03/2011 **Khan, V.J.**, Nuijten, K. & Deslé, N. (2011). Pervasive Evaluation Application within Virtual Environments. *Proceedings of International Conference on Embedded Computing and Communication Systems 2011*, pp. 261-264
- 03/2010 **Khan, V.-J.**, Markopoulos, P., Eggen, B. & Metaxas, G. (2010). Evaluation of a pervasive awareness system designed for busy parents 6(5), pp. 537-558, ISSN 1574-1192, DOI: 10.1016/j.pmcj.2010.03.003.
- 03/2009 **Khan, V.J.** & Markopoulos, P. (2009). Busy families' awareness needs, *International Journal of Human-Computer Studies* 67(2), pp. 139-153, ISSN 1071-5819, DOI: 10.1016/j.ijhcs.2008.09.006.
- 09/2009 **Khan, V.-J.**, Markopoulos, P. & Eggen, B. (2009). An experience sampling study into awareness needs of busy families. In *Proc. 2nd IEEE International Conference on Human System Interaction HSI'09*, IEEE, pp. 338 - 343
- 09/2008 **Khan, V.J.**, Markopoulos, P., Eggen, B., de Ruyter, B. & IJsselsteijn, W.A. (2008). Reconexp: A way to reduce the data loss of the Experiencing Sampling Method. In *Proc. MobileHCI '08*, ACM pp. 471-476
- 07/2007 **Khan, V.J.**, Markopoulos, P. & Eggen, B. (2007). On the role of awareness systems for supporting parent involvement in young children's schooling, *Proceedings HOIT 2007*, Springer, pp. 91-101
- 06/2006 **Khan, V.J.**, Markopoulos, P., Mota, S.A., de Ruyter, B., IJsselsteijn, W.A. & de Ruyter, B. (2006). Intra-family communication needs; how can Awareness Systems provide support?, *Proceedings IE06*, Volume: 2, IEE pp. 89-94
- 10/2003 Bouras, C., **Khan, V.J.**, Limperis, A. & Sintoris, C. (2003). Managing users and services using an LDAP web-application, *IASTED Applied Informatics (AI2003)*, 10.02.03, Innsbruck, Austria, pp.773 – 778
- 06/2000 Apostolopoulos, A., Bouras, C., **Khan, V.J.**, Konidaris, A., Sintoris, C. (2000). e-DEDALUS: A dynamic tool for data publishing on the web. In *Proc. IS 2000*, pp. 98 – 105

### MEMBERSHIPS

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- 2003 ACM SIGCHI
- 2004 Royal Institution of Engineers in the Netherlands (KIVI NIRIA)