

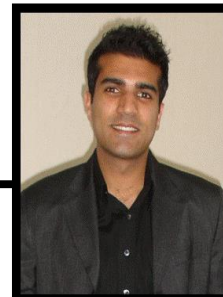
# Zaheer Osman

**BSc (HONS) DPS C.ErgHF FIEHF EurErg CMIOSH**

## Senior Ergonomist

26 Abbots Road South, Leicester LE5 1DA  
DOB: 29/03/1980

07800 731654  
BRITISH



## CV

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### Qualifications / Accreditations

**December 2014**

**C.ErgHF FIEHF**

Fellow and chartered Status awarded by the Chartered Institute of Ergonomics and Human Factors

**January 2011**

CMIOSH awarded by the Institution of Occupational Safety and Health in July 2012.

**January 2006**

**Eur.Erg**

Registered European Ergonomist.

**November 2005**

**MIEHF**

Registered membership of the institute of ergonomics and human factors awarded.

**September 1998 – July 2002**

*Loughborough University, Leicestershire.*

**BSc (HONS) Ergonomics (2.1), 4 year undergraduate programme**

**August 2000 – August 2001**

**Diploma in Professional Studies (D.P.S)**

This diploma was achieved by working in industry for a year at a state of the art research association.

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## Work History

**February 2009 – Present**

*Adept Ergonomics, 26 Abbots Road South, Leicester.* Position Held: **Principal Human Factors and Ergonomics Consultant, Director**

Managing the business aspects of the consultancy and conducting the technical ergonomics work. The ergonomics projects included; ergonomics application to complex problems, human factors projects, manual handling training and assessments, DSE assessor training and assessments, access to work assessments, return to work assessments, industrial plant ergonomics training and assessments, product appraisals and laboratory ergonomics assessments. Registered to deliver IOSH working and managing safely courses. A variety of investigative techniques were used such as interviews, focus groups, objective measurements, accident investigation, ergonomics tools and techniques, workload analysis. Technical presentations and report writing were integral to the projects completed. Projects were completed on an international basis, compliance with relevant standards and legislation was supported and achieved. All projects were completed successfully and on time with a 100% satisfaction rate.

Railway projects include postural analysis, cab design, driver safety for Arriva Trains and South Eastern Trains.

**September 2005 – February 2009**

*Orangebox, Penallta Industrial Estate, Hengoed.* Position Held: **Senior Ergonomist**

Within Orangebox I headed up the Active Ergonomics consultancy. The consultancy offered services such as training, assessment, research and design input in the office arena. Support was given to internal employees of Orangebox as well as working closely with health and safety personnel from large multi-national blue chip companies. Strategic development of the consultancy was also part of the role as was managing administration staff assisting with the daily running of the consultancy. A great range of ergonomics and human factors projects were undertaken.

## November 2002 – September 2005

*Ergonomics and Safety Research Institute*, Loughborough. Position Held: **Ergonomics and Human Factors Consultant**

Working within the Human Focused Design Centre within ESRI provided opportunity to work on a diverse range of projects ranging from external consultancy to European research projects. Being one of the largest ergonomics consultancies in Europe, ESRI developed my project management skills as well as broadening my ergonomics expertise in areas including health and safety, musculoskeletal disorders, pertinent ergonomic regulations, anthropometry, designing products and information for elderly and disabled people, evaluating technology and products, safety appraisals and mobile human computer interaction. These practical skills were supported by excellent training given by the experts in the relevant ergonomics fields. Projects were followed from proposal to completion. A variety of conferences were attended and results from a few projects were published and presented. I was part of the transport cluster working on a variety of transport projects covering railway, motor vehicles and aviation.

## August 2000 – August 2001

*Motor Industry Research Association (MIRA)*, Nuneaton. Position Held: **Ergonomics Consultant**  
Part of the Strategic Product Development (STP) department within MIRA. Working within STP required working on various projects including British and European funded projects. Application of instrumented vehicle equipped with monitoring and data logging equipment that logged parameters such as speed, acceleration and steering wheel angle. Data collected was used to analyse human behaviour and objective differences. Independent time management was a skill obtained as well as essential report writing skills. A good proportion of time was spent on carrying out trials on different projects using an instrumented vehicle. A diploma in professional studies was achieved as a result of the work done at MIRA. Projects worked on included Intelligent Speed Adaptation (ISA), Road Traffic Advisor (RTA) and Virtual. These projects focussed on advanced transport telematics and future technologies.

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## Published Papers

### 1. Older Users' Requirements for Location Based Services and Mobile Phones

Osman, Z. & Tarkiainen, M. (2003) *Older users' requirements for location based services and mobile phones*. 5<sup>th</sup> International symposium on Mobile HCI. Udine, Italy September 2003. *Human-Computer Interaction with Mobile Devices and Services*, Springer: London (LNCS 2795). pp 352 - 357

### 2. Enabling wider access to mobile information services

Tarkiainen, M., Osman, Z. & May, A. (2003) *Enabling wider access to mobile information services*. 3<sup>rd</sup> International Interdisciplinary Conference on Electronic Commerce. Gdansk 16 – 18 October 2003. *Electronic commerce research and development*. Faculty of management and economics, Gdansk University of Technology, Interfaculty e-commerce Group, Electronic Marketing. Gdansk (2003), pp.173 -180

### 3. Designing for older and inexperienced mobile phone users

M. Maguire and Z. Osman (2003) "Designing for older and inexperienced mobile phone users", *Universal Access in HCI: Inclusive Design in the Information Society*, Proceedings of the HCI International Conference, 2003. (Ed.) Constantine Stephanidis, Volume 4, pp. 439-443, Mahawan, New Jersey and London: Lawrence Erlbaum, ISBN: 0-8058-4933-5.

### 4. Holiday Ergonomics

Maguire, M., Nicolle, C., Lockyer, S., Galley, M., Elton, E., Osman, Z. (2004) "Experiences of ergonomics practitioners on vacation", *Contemporary Ergonomics*, Proceedings of the Ergonomics Society, (ed.) T. McCabe, pp485-489, London: CRC Press, ISBN: 0-8493-2342-8.

### 5. Care Online post implementation review

Poulson D, Osman Z (2003) *Post Implementation Review: Care Online*. ICAT conference 'digital divide amongst people with disabilities'. Available at <http://www.bcs.org.uk/disability/icat/papers/paper7.htm>

### 6. Learning from Internet Requirements of People with Communication Needs

Nicolle, C. Osman, Z., Black, K. and Lysley, (2004). Learning from Internet Requirements of People with Communication Needs. In Miesenberger, K., Klaus, J., Zagler, W. and Burger, D. (eds.), *Computers Helping People with Special Needs*, Proceedings of 9th International Conference, ICCHP 2004, Paris, July 2004. Springer Lecture Notes in Computer Science 3118. Heidelberg: Springer-Verlag, pp 121-128.

### 7. Recidivist risk takers who work at height

Haines, V., Hitchcock, D., Osman, Z., Elton, E., Craven, M., and Hussey, M. (2004) *Recidivist risk takers who work at height*. HSE Books ISBN 07177628159 available at: [www.hse.gov.uk/research/rpdf/rr201.pdf](http://www.hse.gov.uk/research/rpdf/rr201.pdf)

### 8. Introducing computers and the Internet to older users: findings from the Care OnLine project

Osman, Z., Poulson, D., and Nicolle, C. (2005) *Introducing computers and the Internet to older users: findings from the Care OnLine project*. Publisher: Springer-Verlag GmbH ISSN: 1615-5289 (Paper) 1615-5297 (Online)

DOI: 10.1007/s10209-005-0111-8

### 9. The design of next generation in-vehicle navigation systems for the older driver

Andrew J. May, Tracy Ross, Zaheer Osman. (2005) *The design of next generation in-vehicle navigation systems for the older driver*. Publisher: Elsevier, *Interacting with Computers* 17(6): 643-659

### 10. Design of a Virtual Learning Environment for students with special needs

Maguire, M., Osman, Z., Elton, E., Nicolle, C. (2006) *Design of a Virtual Learning Environment for students with special needs*. Publisher: Agora Center, University of Jyväskylä, Humna Technology Volume 2 (1), 119-153