

Barry Hebbroon
Academic
Centre for Digital Innovation
Department of Computing & Games
Email: B.D.Hebbroon@tees.ac.uk

Employment History

1977 - 1986

Royal Air Force (Ground Radar Communication Technical Support)

1986 - 1990

Support Technician, Teesside Polytechnic

1990-1992

Lecturer, School of Computing and Mathematics, University of Teesside

1992 to 2016

Senior Lecturer, School of Computing, University of Teesside

2016 to 2020

Enterprise Fellow, School of Computing Media & the Arts

2020 to the present

Associate Professor Enterprise School of Computing, Engineering and Digital
Technology

Research outputs

Web engineering in Internet degrees

Griffiths, G., Lockyer, M. A., Oates, B. J. & Hebbroon, B., 1 Dec 2004, *ITRE 2004 - 2nd International Conference on Information Technology: Research and Education - Proceedings*. Boyle, T., Oriogun, P. & Pakstas, A. (eds.). p. 218-222 5 p.

Empirical methodologies for web engineering

Oates, B. J., Griffiths, G., Lockyer, M. & Hebbroon, B., 1 Jan 2004, *Web Engineering - 4th International Conference, ICWE 2004, Proceedings*. Koch, N., Wirsing, M. & Fraternali, P. (eds.). Springer Verlag, p. 311-315 5 p. (Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics); vol. 3140).

A framework for a web-based toolset to support the teaching of software and web engineering

Lockyer, M., Griffiths, G., Hebbroon, B. & Oates, B., 1 Dec 2003, In: *Proceedings - Frontiers in Education Conference*. 3

A teaching method & tool for Web engineering

Lockyer, M. A., Griffiths, G., Hebbroon, B. & Oates, B. J., 1 Dec 2003, *Proceedings - 3rd IEEE International Conference on Advanced Learning Technologies, ICALT 2003*. p. 284-285 2 p. 1215085

Using a web-based repository to support group projects

Lockyer, M. A., Griffiths, G., Hebbroon, B. & Oates, B. J., 1 Dec 2003, *Proceedings of the IASTED International Conference on Computers and Advanced Technology in Education*. p. 467-472 6 p.

A simple method & tool for web engineering

Griffiths, G., Hebbroon, B., Lockyer, M. A. & Oates, B. J., 1 Dec 2002, *Proceedings of the 14th International Conference on Software Engineering and Knowledge Engineering, SEKE '02*. Vol. 27. p. 755-762 8 p.

The application of hazard and operability studies to real time structured requirements models

Hebbron, B. & Fenelon, P., 1 Jan 1997, In: Reliability Engineering and System Safety. 55, 3, p. 311-325 15 p.

The application of HAZOP studies to integrated requirements models for control systems

Fencott, C. & Hebbron, B., 1 Jan 1995, In: ISA Transactions. 34, 3, p. 297-308 12 p.

Summary of Consultancy

Direct Funded Consultancy 2010 - 2025

Ministry of Defence
PJA Distribution
Tees Valley Unlimited
Bay Plastics
Acumen Waste
First Waste
Devario
Monster Travel Ltd
Saltburn Community & Arts Association
Hambleton Group
Red Robot Unity Group
Dupont Films
South Tyneside and Sunderland NHS Trust
Hills Nursery
N Sign
AV Dawson

Summary of Funded Knowledge Transfer Project Engagement 2010 - 25

(IUK Innovate UK / ESF/ERDF European Funding)

Year - Project Host - Type - Role
2024 - Francis Brown - ERDF - Lead
2024 - Dynamic CCTV - ERDF - Lead
2024 - Ivic -ERDF - Support
2023 - M Hart - ERDF - Lead
2022 - DLS Foods - IUK - Support
2022 - TekGem - IUK - Lead
2021 - Virtual Armour - ESF - Lead
2021 - North Link - ERDF - Lead
2020 - DLS Foods - ESF - Lead
2020 - Unity Group - ESF - Lead
2019 - Made for Trade - ESF - Lead
2018 - Vectis Group - ESF- Lead
2018 - ACUME Forensic - IUK - Support
2017 - Baxter Person - ESF - Lead
2016 - Trade Interchange IUK - Support
2015 - Trade Interchange ESF - Lead
2013 - The Bowes Museum ESF - Lead
2013 - Simpson Group - ESF - Lead
2014 - Infin8 UK - ESF - Lead
2012 - Simpson Group - IUK - Lead
2012 - Hospitality Guaranteed - ESF - Lead
2012 - Bay Plastics - ESF - Lead
2011 - Simpson Group ESF - Lead
2010 - Gemploy.com Ltd - ESF - Lead
2010 - Acumen Waste - ESF - Lead

Awards

ERDF Grow Tees Valley GAP - Dynamic CCTV

Hebbron, B. (Col)

European Regional Development Fund: £7,584.00

25/07/22 → 30/09/23