

# Dr. Damien Meere, PhD. BSc.

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## EDUCATION

- Postgraduate: **University of Limerick, Castletroy, Limerick, Ireland.**  
(2005 - 2012) PhD – Completed a Doctorate in “Design and Development of a Multi Agent-based Adaptable Mobile eLearning Service Architecture for deployment across a university campus”.  
(2009) **National University of Ireland, Galway, Ireland.**  
Foundation Diploma in Training and Education.
- Undergraduate: **University of Limerick, Castletroy, Limerick, Ireland.**  
(2001 – 2005) B.Sc. Information Technology and Telecommunications (1<sup>st</sup> Class Hons).

## PROFESSIONAL CERTIFICATIONS



- Cisco Certified Academy Instructor (CCAI)
- Cisco Certified Network Associate (CCNA)
- Cisco Certified Entry Networking Technician (CCENT)
- Nokia Network Routing Specialist I (NRS1)
- COMPTIA Network +
- CloudU Certification
- Microsoft MTA 98-365 Windows Server Administration Fundamentals
- Sun Certified Java Programmer (SCJP)
- SFI Programme 2013 - "Get Started Technology Venture Programme"

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## EMPLOYMENT EXPERIENCE

- Company:* BT Ireland
- Duration:* April'15 - Present
- Job Title:* **Technical Training Lead**
- Job Description:*
- Engagement with other senior management to develop strategic development and operational plans in line with the objectives of both BT Ireland and BT Group.
  - Management and Administration of all training, education and professional development activities within BT's ROI commercial networks division (240+ members).
  - Manage the evaluation of ongoing training activities to ensure maximum impact and effectiveness, and ultimately ensure a return on investment,
  - Engage with both external and internal Stakeholders to support the ongoing development of the Leadership teams within BT.
  - Liaise with external bodies to represent BT's interests, provide industrial leadership, and academic leadership in the strategic development and delivery of new academic programmes to align with industrial needs i.e.:
  - Represent BT as the Deputy Chair of the Consortium Steering Group for 'National Telecommunications Field Technician Apprenticeship' in conjunction with SOLAS.
  - Acting as BT's representative on the Company Advisory Group for the new 'BSc in Cloud Enterprise Architecture' programme, supported by IT Blanchardstown & the ICT Skillnet.
  - Strategic Planning and Management of the training budget within ROI, as well as the maintenance of financial records and reporting to other senior management.
  - Participation in activities relating to the promotion of BT's activities in Ireland, including representing BT and events and coordination of BT resources for conferences and seminars (i.e. the IoT Summer School in UL, UL ECE Invited Speaker Series, International conferences such as RIPE) and community engagement

(e.g. BT Young Scientist and Technology Exhibition (BTYSTE))

- Engage with both management community and individuals to support the development and implementation of both Team Development plans (TDP) and Personal Development Plans (PDP), in line with overall BT Strategy.
- Advising on and participation in the recruitment of suitably qualified staff, and in consultation with management, develop and implement staff development programmes.
- Teaching, Delivery and assessment of technical training programmes targeting industrial certifications, such as Cisco CCENT & CCNA, Nokia Network Routing Specialist 1 (NRS1), and Basic IP for Non-technical Staff. Providing mentoring and support to participants in their learning activities and ensuring appropriate learning environments. Typically 6-8 teaching hours per week.
- Manage the organisation all health and safety training, ensuring all on-site BT staff have the requisite certifications and site accreditations.
- Communicate regular updates to other senior management and wider ROI community regarding skills development and coaching progression.
- Coordinate, manage and supervise the work of all internal trainers and external vendors in the delivery of requisite on-site knowledge-share and training sessions, coordinate on-site facilities and materials, communication with participants, and post-workshop collection of evaluation/feedback.
- Engage with subject matter specialists from across the business to develop and deploy training to address any knowledge gaps that might develop. Training delivery can take the form of traditional face-to-face sessions (local and remote), training documentation, or online CBT and instructional video content development.
- Development and management of all training resources and platforms, such as:
  - Online Virtual lab Environment for testing and certification exam preparation
  - Development of Practical Lab Space for testing and knowledge-share sessions
  - Video training portal to support development and deployment of internally created video training content.

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*Company:*

Optical Fibre Sensors Research Centre, University of Limerick

*Duration:*

June '13 – April'15

*Job Title:*

**Postdoctoral Researcher**

*Job Description:*

- Evaluating the Commercial Feasibility of an all Optical Fibre Non-Invasive Total Haemoglobin Concentration and Cardiac Output Sensor. This role involves the delivery of market research evaluating the commercial feasibility of an optical haemoglobin monitor.
- I was tasked with developing a prototype sensor platform for deployment within MRI environments, enabling me to develop my own hardware and embedded software skills.
- I was appointed to a position on the management committee for a European COST action, which has involved coordinating and managing the actions budgets as well as liaising with committee members throughout Europe in organising the action's scientific missions and meetings. I also managed the action's online resources.
- I undertook the development of the back-end infrastructure for an Android app-based project that sought to investigate the requirements of systems supporting task-shifted interventions in mental health. This project was a collaborative effort between Mental Health professionals, clinicians and developers across 4 countries

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*Company:*

Impact Training, Maryborough Lodge, Maryborough Hill, Douglas, Cork.

*Duration:*

March '13 – June '13 (3 Month Contract)

*Job Title:*

**CompTIA Network+ & MTA 98-365 Instructor**

*Job Description:*

- Responsible for the development, management and delivery of the COMPTIA Network+ and Microsoft MTA 98-365 Windows Server Administration Fundamentals programmes as part of a 12 week FÁS training course.

<i>Company:</i>	Telecommunications Research Centre, University of Limerick.
<i>Duration:</i>	October '05-September '12
<i>Job Title:</i>	<b>Doctoral Researcher/ Teaching Assistant</b>
<i>Job Description:</i>	<ul style="list-style-type: none"> <li>• As lead researcher in the research centre I was responsible for the development and implementation of an InfoStation-based mobile e-learning system (mLearning), supporting the delivery of adaptable mobile e-Learning services within the University.</li> <li>• I was responsible for the design, management and delivery of lectures and laboratory sessions as part of the "Computer Networks" modules taught on both the Bachelor of Engineering and Bachelor of Science courses within the Electronics and Computer Engineering department at the University of Limerick.</li> <li>• I was also responsible for the implementation and management of the teaching resource Moodle websites and Virtual Learning Environments (VLE's) utilized for the dissemination of course information, as well as the creation and management of the Telecommunications Research Centre website</li> </ul>
<i>Company:</i>	ICT Learning Centre, University of Limerick/ Proskills Training Ltd. (Cisco Training Partner)
<i>Duration:</i>	January '06 - September '12
<i>Job Title:</i>	<b>Training Coordinator and Lead Instructor</b>
<i>Job Description:</i>	<ul style="list-style-type: none"> <li>• As an Instructor in the ICT Learning Centre and for Proskills Training Ltd., I was responsible for the management and delivery of professional training courses, aimed at bridging the gap between academia and industry.</li> <li>• I became a CISCO certified instructor (CCAI) in 2008 and since then have been the lead instructor responsible for the management and delivery of the CCENT and CCNA programmes in UL since then.</li> <li>• Responsible for the management and delivery of the Sun Certified Java Programmer (SCJP) programme.</li> <li>• I was also responsible for the management and delivery of a number of courses within the Microsoft Office Specialist (MOS) programme based in UL.</li> </ul>
<i>Company:</i>	Intel Ireland, Collinstown Ind. Estate, Leixlip, Co. Kildare.
<i>Duration:</i>	February '04 – September '04 (8 Month Contract)
<i>Job Title:</i>	<b>Associate Support Engineer for Intel Ireland University</b>
<i>Job Description:</i>	<ul style="list-style-type: none"> <li>• Responsible for the provision of technical support throughout the New Employee Orientation (NEO) Program.</li> <li>• Facilitation of the technical support for all programmes run within the Intel Ireland University, responding to client requests or events as they occur.</li> <li>• Management and administration of the on-site networks.</li> <li>• Coordination and support of the orientation training program. (Management of classrooms, instructors and various appropriate training materials).</li> <li>• Responsible for the server software upgrades and conducting technical tests to ensure full functionality and technical compliance criterion are met before deployment.</li> </ul>

## HARDWARE SKILLS

Cisco Certified  
Network Associate  
CCNA  
(CSCO11171147)

- Installation, configuration of routing protocols and maintenance of Cisco routers in TCP/IP network environments
- Configuration, verification and troubleshooting of switches with VLANs and interswitch communications.
- VMware Virtualisation, SAN Storage and Clustering technologies
- IPv4 and IPv6 addressing.
- Extensive experience in WAN technologies and troubleshooting.
- Identification and prevention of security threats to networks through Intrusion Detection/Prevention systems and Firewalls.
- Implementation, verification, and troubleshooting of NAT/PAT and ACLs in a medium-size Enterprise branch office network.
- Implementation and verification of secure wireless infrastructures.
- Management of disaster recovery procedures including the back-up and restoration of networking device configurations.

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## SOFTWARE SKILLS

*Programming Languages and technologies:*

Java, C++, JSP, Servlets, JavaScript, HTML, CSS, XML, Java-based web servers.

*Database Technologies:*

DB4O, MySQL, MS Access.

*Applications and Environments:*

VMware Suite, Packet Tracer, Wireshark, Java Agent Development Framework (JADE), Apache Web Server, WAMP, Eclipse IDE, JCreator LE, JBuilder, Microsoft Office Applications. Joomla, Drupal, PHPBB, Parallels Plesk SiteBuilder, Digiweb site builder, Adobe Dreamweaver, Flash, Fireworks, Acrobat, Premiere, Photoshop, IAR Embedded workbench, Labview, Code Composer Studio, Moodle, Sulis, Wordpress, Blackboard, SurveyMonkey, Prezi, Bootstrap.

*Operating Systems:*

Microsoft: Windows 95/98/NT/2000/XP/Vista/7/8, Cisco IOS, Android, Ubuntu and some experience with other Linux distributions.

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## CORE COMPETENCIES

*Independent Research:*

- Skilled in qualitative and quantitative research methodologies and practices. Experienced in coordination of, and active involvement in, information gathering, analysis and formal presentation of findings.
- In-depth knowledge and insight into the interdisciplinary nature of computing science, informatics, business and engineering fields.
- Disciplined learner committed to understanding and exploring new paradigms and their complexities and theoretical associated aspects.

*Concise Writing Skills:*

- Presentation of conclusions in high quality written and oral evaluation.
- A clear and succinct manner of presentation, with organized ideas offering plausible conclusions and solutions in a format appropriate to audience, content and purpose of research.

*Literature Reviews & Multimedia Analysis:*

- Ability to effectively review literature, maintaining a specific guiding research question and concept in mind, to synthesise results into a summary of what is/not known in current literature.
- Identify areas of ambiguity and controversy in literature and formulate questions requiring further research attention.

*Interpersonal Skills:*

- Excellent communication skills, an interest in working collaboratively and sharing conclusions with others.
- High organizational and time management skills to meet deadlines and workload requirements.
- A flexible approach to challenging work. A desire to work within a progressive and dynamic organization.

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## REFERENCES

Alan Shanley  
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