

## Professional Summary

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- Completed BSc (Honours) in Cyber Security and Digital Forensics, achieving first class honours.
- Studied web application security testing, penetration testing, and malware and forensics analysis.
- Qualified in electronic engineering, with 10+ years of server HW and SW test/debug experience at IBM.
- Strong leadership skills. Managed and motivated teams of 15 staff.
- Committed to CPD with training in Project Management, Process Development and Mapping, MS Office.

## Education

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<b>2017</b>	<b>IT Blanchardstown</b>	<b>BSc (Honours) in Computing in Digital Forensics &amp; Cyber Security</b> (First Class) <b>Modules:</b> Advanced Network Security (100%), Scripting & Data Processing (75%), Mobile Device Forensics (63%), Application Security (96%), Biometrics & Forensics Applications (80%), Business Continuity Management & Cloud Security (75%), Individual Project - Factory Reset Phone, Data Exposure? (80%)
<b>2016</b>	<b>IT Blanchardstown</b>	<b>BSc in Computing in Digital Forensics &amp; Cyber Security</b> (Distinction) Group Project - GSM Data and Vulnerabilities Analysis (85%)
<b>2008</b>	<b>DIT</b>	<b>MSc in Management of Technology and Innovation</b>
<b>2007</b>	<b>DIT</b>	<b>Post Graduate Diploma in Management of Technology</b>
<b>1998</b>	<b>Sligo IT</b>	<b>Certificate in Electronic Engineering</b>

## College Projects - Digital Forensics and Cyber Security

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- **Factory Rest Phone:** Data Exposure: An investigation into the potential data exposure related to the resale of Android smart phones, where factory reset is the method to remove data prior to selling.
- **Mobile Phone Vulnerabilities:** Part of a team that built a mobile phone base station to test mobile phone security. Purchased HW and open source SW. Intercepted texts and recorded calls, highlighting weakness.
- **Web Challenge Assignment:** Wrote report on web application testing methodology and common web vulnerabilities. Exploited four web sites with different types of vulnerabilities.
- **Forensics Analysis:** Conducted forensic analysis of a disk and answered questions based on data analysed. Produced forensics report detailing analysis, process used and data found.

## Career History

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<b>Feb 15 – Date</b>	<b>IBM Global Business Services</b>	<b>Operations Lead (Enterprise Application)</b>
	<ul style="list-style-type: none"><li>• Analyse data (revenue and GP) to identify trends. Prepare reports and present data to leadership team.</li><li>• Maintain internal communications plan and wiki.</li></ul>	
<b>Apr 10 – Feb 15</b>	<b>IBM Global Technology Services</b>	<b>Process Manager (Contracts)</b>
	<ul style="list-style-type: none"><li>• Program managed localisation and translation of contract template. Managed six staff (Dublin, Budapest).</li><li>• Led project to centralise contract preparation. Developed standard approach, rolled out globally.</li></ul>	
<b>Oct 08 – Apr 10</b>	<b>IBM Integrated Supply Chain</b>	<b>Quality Engineer Team Lead</b>
	<ul style="list-style-type: none"><li>• Chaired weekly quality review meeting. Supported quality improvement projects.</li><li>• Managed 15 staff (High/Low End / Solution Deliver partner quality team). Ensured quality issues addressed.</li><li>• Co-ordinated internal and supplier quality. Collated quality KPI's and reported to senior management.</li></ul>	
<b>Mar 99 – Sept 08</b>	<b>IBM Integrated Supply Chain</b>	<b>Test Engineer/Technician/Manager</b>
	<ul style="list-style-type: none"><li>• Secured four promotions in nine years, fulfilling technical and management roles.</li><li>• Conducted failure analysis, provided 2<sup>nd</sup> level tech support, project managed process improvements/NPI.</li><li>• Led a team of 15 test technicians as Manufacturing Test Manager.</li></ul>	