

GAVIN O' GORMAN

PERSONAL DETAILS

Address: Postgraduate Laboratory, School of Computing, Dublin City University, Ireland
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EDUCATION

- 2004 - Present **Doctorate in Computer Science**, School of Computing, DCU.
To be completed sometime in the hopefully not too distant future.
- 2003 - 2004 **M.Sc in Security & Forensic Computing**, DCU.
Topics include **Network Security, Cryptography, Secure Programming, Forensics**.
Practicum: Joint author of book on Open Source Forensics.
- 1999 - 2003 B.Sc. in Computer Applications, DCU. **First Class Honours**
Specialization: Cryptography, Networks, Multimedia Technologies.
Final Year Project: **Identity Based Encryption**; Supervisor: Dr. Michael Scott. Mail proxy
written in **C++** to transparently implement IBE. Project attained first class honours and was ranked
6th out of 180.
- 1993 - 1999 Meanscoil Iognaid Rís, Naas.
Leaving Certificate subjects: History(H,B), Technical Graphics(H,B), Physics(H,C) Maths(H,C) En-
glish(H,C) French(H,C) Irish(P,C)
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EXPERIENCE

- 07/05 - 01/06 **Research Intern** for *Ericsson R&D Ireland*.
Research intern in the Network Management Research Center (NMRC). Investigating modelling and
simulation of network traffic in a 3G RAN.
- 06/03 - 09/03 **Developer** for *Nore Technologies*. www.ibe.dcu.ie
Responsible for development of Keyserver for **Identity Based Encryption**. Written in **Java** and
utilising technologies such as **Servlets, SQL, JSP** and **XML-RPC**. This work was as a direct
result of my IBE final year project.
- 02/02 - 09/02 **Developer** for *Videsti*. www.videsti.com
Windows GUI development for TV-Anytime Authoring software. **VC++/MFC**. I developed and
tested a number of key UI elements for the authoring software, *Presto*. Other work included system
administration, maintenance of firewall and E-Mail servers.
- 06/01 - 02/02 **Systems Administrator**, *Pacemetrics*. www.pacemetrics.com
Responsible for network management. **Win NT** PDC server, **Linux**(Redhat & Debian), 20 **Win2000**
developer machines, Cisco 1605. Day to day work included general trouble shooting, administering
the *Postfix* E-Mail server, FreeSwan & Win2000 *VPN* servers and *IPTables* firewalls.
- 08/00 - 10/00 **Developer** for *Belmont Computing*.
Application Service Provider software development using **PHP, MySQL & Apache**. Developed
and deployed under Linux.
- 06-08 of 99 & 00 **Systems Administrator** Department Of Experimental Physics, *NUI Maynooth*.
Management of circa 100 lab & staff machines. I was tasked with developing an efficient method of
updating and maintaining the 90 or so client workstations. This involved utilising Norton Ghost,
NT4/Win2000 servers, batch scripts and print management software.

CONSULTANCY

- 2001 **Suzuki Cars Ireland Ltd.**
Network and workstation upgrade. Implemented solutions for dial-up ISDN Internet access, network printing and backup.
- 1999 - 2001 **Meanscoil Iognaid Ris, Naas**
Network Installation. Deployment of Linux authentication server to enforce access policies.

COMPUTER TECHNOLOGIES

Various tools, languages and applications I have gained familiarity with through either my primary degree, masters degree or various work experience.

- Languages C++, Java, C, PHP, SQL. I have also worked with JSP, Perl, x86 assembly and shell scripting (Ksh, sh). As part of my masters I have studied secure programming techniques for both web and traditional operating system environments.
- IDEs VC++, VC++ .NET, Eclipse, Forte & Netbeans.
- Code Mgmt. CVS, SourceSafe, Ant

HOBBIES & AWARDS

- Hobbies **Pool**
I was the founding chairman of the DCU Pool & Snooker Club 2001. As part of the club I competed in several pool competitions, in UL, DIT and Queens, Belfast.
- Cycling**
I've gotten into cycling in a big way lately and cycle approximately 25km a day.
- Awards **Gavin Woods award for Computing Excellence**
This was an award issued by my school, Meanscoil Iognaid Ris to those students that excel in computing, make a significant contribution to the schools computing facilities and pass a programming test in BASIC.
- Nomination for IBM IT Architecture Workshop prize 2003**
Due to achieving a first in my primary degree and obtaining a mark of over 85 in my final year project I was nominated for this award by DCU.

REFERENCES

References available on request.