

HUGH DENMAN BA

Personal Details:

Address: Minard, Leinster Park, Maynooth, Co. Kildare, Ireland.
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Telephone: +353-(0)87-6290-136
Date of Birth: 20th September 1978
Nationality: Irish

Education:

3rd Level – Research Student in Electronic Engineering Department: Trinity College Dublin, Ireland.

(September 2000 – September 2001)

Specialisation: Signal processing; Bayesian methods; MCMC.

Project: Development of techniques for semantic analysis of sports video; implementation of video processing plug-ins for Adobe Premiere; development of real-time video processing applications for IRIX.

3rd Level – Bachelor's Degree (BA) in Computer Science: Churchill College, Cambridge University, UK.

(October 1997 – June 2000)

Final Year Subjects taken: Security; Advanced Algorithms; Digital Communication; Information Theory and Coding; Neural Computing; Artificial Intelligence; Comparative Architectures; Numerical Analysis; Semantics; Types; Specification and Verification.

Final Year Project: Classification of images by artist. Artificial neural networks; signal processing; exploratory data analysis. Developed in C, C++, SQL under Linux; network distributed processing.

Second Year Group Project: Secure email applet. Implementation of RSA and Blum-Goldwasser encryption routines; protocol analysis; security interface; technical documentation. Java development under Windows NT and Solaris.

Results: 1st Class Honours, second and third year (double first).

2nd Level – Leaving Certificate: Maynooth Post Primary School, Maynooth, Co. Kildare, Ireland.

(September 1991 – June 1997)

Subjects: English, Irish, Mathematics, Physics, Chemistry, Applied Maths, French.

Results: A1s in all subjects except Irish: A2.

Skills:

Computer Languages: C++, C, Java, Perl, PHP, Visual Basic, SQL, x86 assembly.

Platforms: Windows 98/2000/NT, UNIX (Linux, IRIX, Solaris, BSD).

Development Tools: Visual Studio, Sun J2EE, Matlab, Emacs.

Databases: Oracle, MS SQL, Postgres, MySQL.

APIs: MFC, ASP, Swing, CORBA, RMI, COM, EJBs.

Experience:

(September 2001 – October 2001): Visual Basic contract (Client reference on request)

Implementation of dyslexia detection application.

(March 2001 – September 2001): Website administrator, Trinity News (www.trinitynews.com)

ASP development; W2K Advance Server administration; penetration testing; training; documentation.

(January 2001 – September 2001): Station manager, Trinity FM (www.trinityfm.com)

Team lead; production; audio streaming; website development (PHP, Postgres).

(August 1999 – July 2000): Incidental consultancy, CBA Design and Marketing (www.cba-design.co.uk)

Development of Java applets, Javascript, Perl CGI scripts; HTML consultancy; technical mediation.

(Summer 1999): Games development, nGame Ltd (www.ngame.com)

Augmentation of the DUMB 3d engine, working in C under Linux.

(Summer 1998): Computer consultancy, MDC (www.mdc.ie)

Preparation of both in-house and production reports; web design; Java, Visual C++ development.

Hobbies & Interests:

Drums, guitar, theatre, Irish language radio, philosophy, cycling.

Referees:

On request.