

Frank Fennell

PROFILE

Professional, highly qualified Electrical Engineer with excellent organisational and team working skills. Ideal candidate for position requiring drive, initiative, responsibility and challenge.

EDUCATION

1999 – 2003

UNIVERSITY COLLEGE CORK

Bachelor of Electrical & Microelectrical Engineering

Result: 1st Class Honours

Final Year Subjects:

Applied Power Electronics & Motion	Digital Signal Processing
Electrical & Electronic Power Systems	Telecommunications
Microwave Electronics	Control Engineering

Projects:

Final Year: Team project which investigated X. Researched data, gained an in-depth knowledge of telecommunications. Used C++ and LINUX Operating System. Prepared and delivered a presentation to lecturer and classmates.

Third Year: Used Microsoft Excel to construct a spreadsheet that calculated X.

Other: Wrote programs in C, C++ and in VHDL code for digital signal processing. Implemented filters using micro converter code. Built, tested and debugged circuits.

1993 - 1999

PRESENTATION BROTHERS COLLEGE, MARDYKE, CORK

Leaving Certificate: 500 Points including an A1 in Physics.

EMPLOYMENT

2003 – 2004

ABC CONSTRUCTION CONTRACTORS, MELBOURNE, AUSTRALIA

Assistant Engineer

- Secured work experience as an Assistant Engineer reporting directly to the Project Manager.
- Liaised with Engineers and reported to Project Manager on all tasks.
- Conducted demolition work which included working with dangerous chemicals such as asbestos.
- Completed survey work using laser instruments.
- Ensured health & safety procedures were adhered to and reported any breaches.

2002 - 2003

ROBINSON ELECTRONIC DESIGN SERVICES, CORK

Trainee Engineer

- Reported to the Senior Engineer.
- Assisted with designing and building of web pages.

- Liaised with Engineering staff on all aspects of web content relevant to the industry sector.
- Trained on Microsoft Front Page Editor for web design.
- Reported on progress at weekly team meetings.

1999 - 2002

UNIVERSITY COLLEGE CORK

Information Assistant, Mardyke Arena

- Checked membership cards at the information desk.
- Provided assistance and information to customers.
- Collected money for aerobics and yoga classes.
- Managed special group bookings of facilities.

SKILLS

Computer: Working knowledge of programming languages, C, C++. Highly proficient at Access, Excel, Word & Powerpoint. Knowledge of Matamatica and Electronics Workbench and experience of HTML, VHDL and assembly code.

Presentation: Developed ability to produce reports and presentations to a professional standard.

Analysis & Evaluation: Proficient in assessing data and formulating solutions.

Organisational: Effective at time management and prioritising tasks to achieve deadlines.

Interpersonal/Communication: Strong team working, leadership and communication skills.

Language: Conversational French & German.

INTERESTS & ACHIEVEMENTS

Travel: Widespread travel through Australia and Asia during 2003-2004. This included periods of travelling on my own.

Sport: Member of UCC Mardyke Gym and play football and rugby regularly. Involved in coaching local primary school football team between 1999 - 2002.

University: Member of UCC Engineering Society and co-ordinated ticket sales for the Engineering Ball in 2001.

Water Sports: Swim regularly and have achieved life-saving certificate. Completed PADI certificate in scuba diving while in Australia.

Music: Play guitar and give guitar lessons.

Scouts: Patrol Leader with local scout troop from 1998 - 2001.

Organised regular hikes and camping trips.

Driving: Full, clean driving license.

REFERENCES:

Dr. J. Brown (Lecturer),
Department of Electrical Engineering,
University College Cork.
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Ms. A. Brogan,
Robinson Electronic Design Services,
Model Farm Road, Cork.
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