

## Frank Fennell

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### 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: 1<sup>st</sup> 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.  
Tel: (021) 1234567

Ms. A. Brogan,  
Robinson Electronic Design Services,  
Model Farm Road, Cork.  
Tel: (021) 3216541