

Curriculum Vitae

Robert Lawlor

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Education:

2002 - 2007 Dublin City University

B. Sc. (Hons) Applied Physics.

Final Year Subjects:

- Mechanics
- Solid State Physics
- Quantum Electronics
- Digital Signal Processing
- Nanotechnology and Surface Analysis
- Applied Spectroscopy

Final Year Individual Project:

- Investigation of Compact fluorescent lights in relation to intensity of emitted light.

Final year Project within a module:

- Single Electron Transistors
An investigation into the theory, properties, and possible applications of single electron transistors.

Final Year Group Projects

- Photoluminescence Spectroscopy
An investigation of the theory and applications of photoluminescence Spectroscopy
- Cesium fountain atomic clocks
An Investigation into the theory , applications and future possible developments of Cesium atomic clocks.

Other Relevant Modules:

- Quantum mechanics
- Advanced Programming (in C and C++)
- Particle Physics And Special Relativity
- Electronics (analogue and Digital)
- Linear and non-linear mathematics.

1996 - 2002 Christian Brothers School, Main street, Swords.

Irish	(O) D1, English	(H) C1, Maths	(H) C1, History	(H) C1
Geography	(H) C2, Physics	(H) C2, Business	(H) B2	

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Work Experience:

Dec'08-present	Eircom	Technical Support.
July'08-Sept'08	IBM	Test Technician
Mar '08-April'08	AIG(Life)	Administrative role.
June'07-Dec'07	Fingal Co. Co.	Clerical Officer
June'06-Sept'06	Fingal Co. Co.	General Operative
Feb'06- June'06	DCU, Paul Swift	Research Assistant
June'05-Sept'05	Fingal Co. Co.	General Operative
June'04-Sept'04	Fingal Co. Co.	General Operative
Dec'03-Feb'04	DID Electrical	Storeroom Assistant
June'03-Sept'03	John Duffy	Brickies labourer
Sept'02-Nov'02	Dunnes Stores	Sales Assistant
July'02-Sept'02	Elenco	Electricians Assistant
Mar'01- Aug'01	Dunnes Stores	Sales Assistant

Skills Profile

- Teamwork – developed through my work experience group project work and participation within a band.
- Organisation – Making a work plan, prioritising jobs, brainstorming and delegation. - Participated in the organisation of DCU Summer ball 2007. Was responsible for live entertainment.
- Communication – developed through course work, project presentations, and work experience. I can speak and write clearly, and make presentations to target audiences.
- Experienced in Microsoft Word, Excel, Access database , , PowerPoint and the Internet.
- Borland C++, both beginner and advanced programming.
- Statistical and probability based analysis.
- Analysing data for relevant information (filtering papers for relevant information.)
- Initiative – developed a database to record and analyse the response times of the general public in relation to inspectors and regions.
- Time management and reporting(writing reports and papers as part of my collage degree.)
- Knowledge of unix, and linux red hat.

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Duties Performed :

- Maintenance of filing system.
- Dealing with customer queries (Both face to face and over the telephone).
- Calculating and reconciling overtime payments.
- Maintaining communication with register inspectors.
- Relaying deadlines and other time sensitive information to inspectors.
- Reconciling inspector information with that of other sources.
- Cross checking data in relation to the register of electors.
- Processing applications for inclusion of persons to the register of electors.
- Processing the daily post, relaying post to relevant sections within the organisation.
- Exchanging information and data with the register of electors in other local authorities.

Interests

- Enjoy travelling
 - Music
 - Play Drums
 - literature
 - Film
 - Current Affairs
- 1- Financial
 - 2- Political
 - 3- Global

Referees

Hal Jordan	Fingal County Council, A/Administrative Officer	8905802
John Crothers	Fingal County Council, Foreman	8905950
John Lacey	Fingal County Council, Balleally Dump	8438593
Dr. Paul Swift	Dublin City University	(01)700 5000 (ext 7627)

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