

Colin K McCord

Personal Details

Title: Mr	Address: ***** ***** Co. Antrim, Northern Ireland. *****
Surname: McCord	
First Names: Colin Kenneth	
Nationality: British	
Date of Birth: 26 March 1980	Phone: *****
Nat. Ins. No: ** * * * * *	Email: website@mccord.plus.com
Marital Status: Single	Website: http://www.mccord.plus.com

Profile

A first class bachelor of engineering in electronic systems graduate who is keen to find a position as an electronic / software engineer. One year's industrial placement at FG Wilson has reinforced this ambition of becoming an engineer, it is clear that a career as an engineer is a challenging one but the rewards are high. For example the Modbus communication protocol that was developed for Access 4000 (FGW) was challenging, but when finished the satisfaction of seeing it working correctly after the weeks of problems is a tremendous feeling of accomplishment, which make all the hard work seem worthwhile.

Wide range of interest in all fields of engineering including mechanical, electrical, electronics and software. But with extreme ability and interest in digital & microprocessor electronics and computer programming (machine code, assembly, C, C++, BASIC, HTML). Reliable, punctual, always co-operative, hard working, thoughtful to others, team player, versatile and learns new tasks/skills quickly.

Education

Schools attended:	1998 – 2002	University of Ulster (Jordanstown Campus)
	1996 – 1998	East Antrim Institute of Further & Higher Education
	1991 – 1996	Larne High School
	1984 – 1991	Moyle Primary School

Qualifications

<u>Year</u>	<u>Course</u>	<u>Result</u>
2002	BEng (hons) Electronic Systems	First Class
2002	Diploma in Industrial Studies	Commendation
1998	BTEC National Diploma in Engineering	5 Distinctions, 11 Merits and 5 Passes
1998	AutoCAD City & Guilds	Pass
1996	GCSEs (Examining body CCEA, NEAB)	6 GCSEs (5 Grade C or above)

Individual subject grades/marks are available on request. Alternatively, individual subject grades/marks are published on my website ('NRA' section then 'qualifications').

Other Achievements

Passed Driving Test 26/08/1999 (Full, Clean, UK Licence)

Employment History

FG Wilson Engineering LTD

Placement year of BEng (hons) Electronic Systems + DIS was spent here. Worked in department "Electronic Control Design" and was involved in the design of both software (C, Visual C++, etc...) and hardware (e.g. PCB Board).

An example of a project successfully completed was the design of the ModBus communication protocol for the Access 4000 control panel. This included the design of a simple DOS based test program for testing the protocol, and a Windows based (Visual C++) master program used to demonstrate the capabilities of the ModBus communication protocol fully in a user friendly environment.

24/07/2000 to 31/08/2001

Old Glenarm Road,
Larne,
Co. Antrim,
BT40 1EJ
Northern Ireland

Tel: 44 (0) 28 2826 1000
Fax: 44(0) 28 2826 1111
Website: www.fgwilson.com

D Engineering

This was a full time summer job, which involved undertaking lots of different mechanical engineering practices. Including the use of drilling machines, a saw cutting machine, a punching machine, hand held angle grinders, mig welders, reading of technical drawings etc... This was a good learning experience, working with and sharing ideas with experienced engineers. Enjoyed it very much. Although the electronics & computer side of engineering is preferred and hope my future career is in this area.

21/05/1999 to 25/09/1999

26/06/1998 to 29/08/1998

25/06/1997 to 28/08/1997

McKinney Complex,
Hydepark Ind. Est.,
54 Mallusk Road,
Newtownabbey
TEL: 02890 830483

Camco International

Spent one week working here for work experience. It was an enjoyable week and learned a lot about CNC lathes, CNC milling machines and precision instruments.

9/10/1995 to 13/10/1995

Monkstown

Skills

IT Skills: MS Office (Word, Excel, Access, Visio, Project, PowerPoint, Publisher, Outlook, FrontPage), DOS, MS Windows 95/98/ME/NT/2K/XP, Unix, Linux, Apple, AutoCAD, CADSTAR, Protel, Paint Shop Pro, Adobe (Photoshop, PageMaker, Acrobat, Premiere), Macromedia (Flash, Dreamweaver), MS Visual C++ 6.0, Altera Max+plus II, PSpice, Electronic Workbench, Microchip MPLAB, Microwind, Borland Turbo C 3.0, gcc.

Engineering Skills: Machine code, assembly, C, C++, BASIC, serial communications (i.e. protocol design), PCB design, report writing, soldering, use of multimeters & oscilloscopes, circuit simulation, microprocessor / microcontroller design, basic amplifier design, FPGA, ASICS.

Hobbies and Interests

Enjoy most indoor activities like snooker, pool, amateur radio & swimming and enjoy many outdoor activities like cycling and fishing. Extremely interested and enjoy working with computers, this includes: computer programming (highlevel & lowlevel), website design, networking, basic computer applications, AutoCAD etc... Also extremely interested and enjoy working with electronics; this includes digital electronics and microprocessor electronics. A keen interest in most provisional sports including: F1, darts, tennis, snooker, pool and boxing. Enjoy watching engineering documentaries and sci-fi programs like Star Trek.

References

Available on request