

Resume of Joseph Wesley Adrien de Pierres
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» **Personal details**

Full Name Joseph Wesley Adrien de Pierres	Location Durban, South Africa (KwaZulu Natal)	
Date of Birth 25/09/1981	Phone Number +27828725485(cell) +27319035790(home)	e-mail Address adrien.depierres@gmail.com freeman.za@gmail.com
Languages English, some French	Website(s) www.coppermane.com www.digital-affinity.net	Skype contact freeman.za
Nationality South African	Marital Status Single	

» **Education**

NDip: Electronic Engineering: Computer Systems
Diploma at <http://www.dut.ac.za/>, completed, awaiting diploma.

Senior Certificate

Studied IGCSE 5 years at [Waterford Kamhlaba](#), UWC in Mbabane, Swaziland
Matric at [Kingsway High](#) in Amanzimtoti, South Africa

» **Skills**

Programming, Markup, Database, Operating Systems, Electronics

C / C++, Assembler, Microchip PIC programming, Java, PHP, ASP / ASP.NET, Javascript, Actionscript, HTML, DHTML, XHTML, CSS, XML, SQL / MySQL, Novell Netware, Linux, Networking, Trouble shooting, Circuit design, Debugging, Fault finding, exploring Qt and AJAX

Graphic Design, IDE's and other Software

Adobe Photoshop / ImageReady, Illustrator, Macromedia Flash, Freehand, Dreamweaver, Corel, NetBeans IDE, Eclipse IDE, Microsoft Visual C++, MS Office, OpenOffice.org, MPLAB IDE

» **Interests**

Programming, Electronics, Graphic design, Web design, Art, Swimming, Gym, Hiking, Cycling, Running, Rock climbing, Cricket

*all dates represented as dd/mm/yyyy

01/01/2006 – present

Completed my diploma at D.U.T during the first half of the year, awaiting confirmation and graduation. Began work on a new PHP/Javascript Content Management System.

10/01/2005 – 10/01/2006

Worked for DigiSec (www.digisec.co.za). Worked on many varied projects, involving interfacing PC's, using mostly Java, to embedded PIC systems, and writing code for these PIC micro's. Among the projects I worked on were:

- A vending machine system for a UK based company, my responsibilities were to write a Java application to program and update the settings of the embedded hardware.
- Design a modern, embedded digital control unit for existing industrial battery

chargers, incorporating a USB interface. I was the sole designer on this project.

- Designing a GSM based remote control, administration and reporting system for existing ABI vending machines.
- Write code for an embedded controller for a truck ABS system developed by DigiSec for SABEX
- General research into emerging and modern technologies, such as ZigBee, Bluetooth and USB, for senior engineers.

Also wrote a Java Instant Messenger in my spare time, planning to convert it to a MIDP/J2ME(mobile) application.

01/07/2004 – 15/11/2004

Continued studies at D.I.T. Coded an SMS bulk messenger / SMS Gateway entirely in Java(interfacing with a GSM modem) over the semester for my final year design project.

01/05/04 – 01/07/04

Consultancy work for HIV Pathogenesis Program; Doris Duke research centre, Nelson Mandela Medical School.

01/01/2003 - present

Student at Durban Institute of Technology, NDip: Electronic Engineering: Computer Systems.

01/01/2002 – 01/01/2003

Student at University of KwaZulu Natal, BSc: Computer Science.

01/01/2000 – 01/01/2001

Student at University of KwaZulu Natal, BSc: Computer Science.

01/01/2001 – present

I own and operate my own personal websites, which I began designing and writing in 2001. I continue to work with websites and graphic design, for my own personal projects and as an active freelancer. Visit www.coppermane.com for a portfolio / examples of my work.

01/01/1994 – 01/01/1999

During my five years at Waterford, I participated in multiple community service efforts, constructed the High School LAN, and helped design the High School's first website.

» **Career Objective & Availability**

Career Objective

I would prefer a temporary/contract/permanent position.

I will consider all opportunities. I enjoy interesting, leading edge, electronics and programming, and anything involving networking/internet.

I keep several sites on the net, visit www.coppermane.com to view a portfolio of what I have done and am currently doing on the net.

Availability

I am available within 30 days notice.

I am willing to relocate.

I have citizenship in South Africa.

Updated: September 2006