Profile	IT Skills	Control Engineering Skills	Hobbies

I did my M.Sc. in control systems engineering at the Norwegian University of Science and Technology (https://www.ntnu.edu/).

In the UK I have worked in the field of control systems development within the UK automotive industry. (mostly as a subcontractor).

I have worked with major automotive companies such as Jaguar, Ford Motor Company as well as
other second tier automotive companies such as Delphi Diesel Systems, Visteon and Pi Technologies.

My main responsibilities involved the development of engine management systems in both systems and software departments.

However I'm looking to develop my career in IT. In this regard I've had training in Web development at Code Nation.

I'm separated from my wife and going through a divorce process. I'm a Norwegian citizen but born in Uganda's capital, Kampala. I have to tell you that **I've been out of work for Two years and that has had an effect on my memory on my expertise.**

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IT Skills

Programming Skills:
Swing package (Java GUI), Regex package, io package, util package, Java Gui,Java CORBA,Java Struts, Jakarta Tomcat Server, AJAX (Asynchronous Java And XML).

C/C++ progragamming:
C-Programming, C++ programming, embedded C coded according to MISRA standard (Motor Industry Software Reliability Association).

SQL Programming:
Database programming language (MS Access and ODBC databases)

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Modelling

DC Motors:

Electrical Sub system:

Mechanical Sub system:

Take La Place transform of both sides to solve these eqns.

Hydraulic Systems:

Rate of Flow:

Flow Leakage:

Compressibility flow:

Motor Torque:

Torque - Ang. Accel. Eqn.,F= m•a:

Power:

Develop desired transfer functions by taking La Place transform of these equations.

Transfer function zeros and poles and their effects on system stability.

Optimal Control (Linear Quadratic Regulator)

Kalman filters

Model Predictive Control

Diesel Engine Management Systems.

Failure Mode and Effects Analysis

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I play football but I don't have a team which I could join. I am an Arsenal fan. I Also like politics and economics. I consider myself to be a liberal economic If that is what I have to classify myself as.

I also like travelling where I've never been before and sightseeing. For me some of the best places in the world I've been to are where people are easy to talk to and relaxed in general. I would like to learn French, Spanish and German (not necessarily in that order) if the chance would present itself.

I'm not an extremist Christian but I am spiritual. I believe that God has put us on earth, at this place, at this particular time for a reason and finding out what that reason is would give us the greatest satisfaction of fulfilment.