

# Aaron Neal

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## Profile

I am currently nearing completion of a Masters of Engineering in Product Design Engineering at Loughborough University, with an expected degree level of 2:1. The course has been extremely useful in equipping me with the real world skills that a modern day engineer requires. From modules such as Computer Aided Design, Engineering Science, Product Design and Computer Control to Advanced Manufacturing Process, Electronics and Software Engineering I have the skills required to fit into almost any engineering discipline. I am a focussed and highly motivated worker who is looking to apply years of learning and work placements to solve real world engineering problems whilst looking to deepen my knowledge and understanding at every opportunity.

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## Work Placement

**Frostechnic Ltd.** (Unit 1, Power Park, Banbury, Oxfordshire, OX16 5AB)

### Designer / PCB Administration

June 2011- October 2011

- Electronic PCB Administration
  - Document / Detail current PCB products
  - Organise Ordering Process
  - Plan PCB Storage Layout
- Product Design
  - Product Specification
  - HMI Design
  - Prototyping & Technology research
- PLC Design + Programming
  - System Design & Specification
  - PLC programming – Mitsubishi (GX Developer) + HMI Design
  - Testing and Commissioning
- Software Design
  - Software Design
  - VB.NET implementation
  - Testing and Deployment
  - Software Support

### Electrical Control Panel Fitter / Delivery Driver

June 2007- August 2010 (Holidays)

- Mechanical Fitting of control panels
  - Pre-Testing electrical control panels
  - Delivery driving
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- Gained a week's work experience with Aston Martin Racing, Banbury – Engine Building
  - Also have had experience working in a public house and as a tree surgeons assistant
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## Personal Skills

- Listening and comprehending Instructions
- Good problem solver
- Being able to work under my own initiative
- Capable of working alone as well as in a team based environment.
- Good time keeper

- Confident with the use of tools and enjoy a hands on approach
  - Very proficient learner and can adapt quickly to most environments or tasks
  - Advanced ICT skill base
    - Microsoft Office (Word, PowerPoint, Visio, Excel, Project etc...)
    - Adobe Photoshop
    - Proficient with UGS NX 7.5 (CAD, Visualisation, Material + Design Analysis)
    - Visual Studio 2010
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### **Current Personal Development**

- Self-Taught Software Engineering beyond degree modules taken
    - VB.NET
    - SQL
    - Serial Communications (Modbus)
    - Android Mobile Device Design + Deployment
  - Car Maintenance + Car Mechanics – Through car projects
  - Self-Analysis by mentoring 2<sup>nd</sup> year Students through their group projects
  - Self-Taught Website design, maintenance and deployment
  - Develop network storage solutions to push my ICT development
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### **Education**

2008 - Present

**Loughborough University** (Loughborough – Leicestershire)

Reading a Master of Engineering in Product Design Engineering

Expecting a 2:1

2001 - 2008

**Bloxham School** (Bloxham – Oxfordshire)

A-Levels

Maths

Physics

Design Technology

AS ICT

GCSE's

Physics, Biology, Business Studies – (A\*)

Maths, Chemistry, French, Spanish – (A)

English (B,C)

Also Gained full school colours for Rugby and was a House Prefect.

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### **Personal Details**

Date of Birth - March 16<sup>th</sup> 1990

Full EU/UK Driving license held since September 2007 (CLEAN)

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### **My Interests**

- Regular 1<sup>st</sup> team rugby player for Shipston On Stour Rugby Club
  - (Young Player of the year 2009/2010)

- Mountain Biking (All Mountain, Downhill)
- Enjoy socialising with friends and colleagues alike
- Have a strong passion for cars, especially classic and exotic cars, regularly attend Le Mans Classic in France. I currently enjoy maintaining and improving a 1986 Ford Fiesta 1.1 Popular Plus and 1987 Ford Fiesta XR2.
- Very interested in automation, control and software design
- Enjoy learning and researching new and upcoming technologies



For further information and an electronic copy of my CV please visit [www.aaronneal.co.uk](http://www.aaronneal.co.uk), my personal online portfolio.

Or alternatively...

If you have a smartphone please scan the QR code with your preferred app.

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## References

### **Kevin Hardy**

*Sales Director at Frostechnic*

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Frostechnic

Unit 1

Power Park

Station Approach

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### **Chris Baker**

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