

Philip M^cGaw TMIET

E-mail

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Mobile

07969 502 077

Driving License

Full UK 3.5 Ton Van, CBT and MiDAS

Profile

I have a grounded experience in project management and report writing from university group assignments and professional employment. My most recent position with Culham Centre for Fusion Energy has allowed me to continue to acquire the skills associated with document control, revisions, workflows and requirements management in a complicated technical environment. Whilst working with Network Rail and Scott Wilson, I developed an understanding of the importance of deadlines, professional responsibility and teamwork. This experience also allowed me to work with people in new environments and situations. During my professional employment I have developed strong people management, and customer relationship skills.

Certification

- Certificate of Higher Education (University of Plymouth).
- Technician Member of the Institution of Engineering and Technology (TMIET).
- 17th Edition - Level 3 Certificate in the requirements for Electrical Installations.
- Construction Skills Health and Safety Qualified (CSCS).

Software

Ubuntu and Debian Linux, Microsoft Windows Server and Desktop, Mac OS X 10.7.
Microsoft Excel, Access, Word, Outlook and Project, Apple iWorks.

Work Experience

March 2010 – October 2011

Technical Clerk and Document Controller

**Culham Centre for Fusion Energy
Culham**

Working as part of a group of scientists and engineers on the ITER (An €13 Bn Thermonuclear Experimental Reactor in Cadarache, France) components for the that CCFE has contracts for:

- MITICA; the test bed for the ITER's Megavolt Injector
- NBDI; Neutral Beam Design Integration Project
- ICRH; Ion Cyclotron Resonance Heating
- LIDAR; Light Detection And Ranging
- Remote Handling

I was accountable to the various Project Managers for

- Administration of the document control and management system
- Maintaining and updating the configuration management baseline
- Maintaining and updating the Technical Queries database
- Monitoring change control and incorporating changes
- Collation, integrity checking and interpretation of statistical data, interpreting trends and anomalies

I was involved with the adoption and implementation of Microsoft SharePoint 2010 Foundation as a way to manage the projects controlled documents and revision control.

April 2009 – March 2010

Volunteer Driver – Driver for Disabled People.

**Swindon Dial-a-Ride
Haydon Wick Parish Council**

- Obtained MiDAS Certificate and Enhanced CRB Disclosure **Swindon**
- Assisting people with mobility difficulties accessing and egressing the Mini Bus
- Making sure that all mobility equipment is safely secured and passengers are comfortable

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February 2008 – January 2009

Structures Clerk and Outside Parties Technical Clerk

**Network Rail
Swindon**

- Working within the Western Territory Civil Engineering team
- Working on my own with minimum supervision
- Acted as the primary contact between third parties (e.g. road transport agencies, police, members of the public) and the Engineering team
- Ensure compliance with 'The New Roads & Street Act' and 'The Road Vehicles Order'
- Interfacing with Outside Road Transport Agencies, The Police, Highways agency, Local Authorities, Utility Companies and other organisations

October 2007 – February 2008

Assistant Engineer

**Kembrey Wiring
Swindon**

- Interpreting customer drawings and specifications to produce bill of materials and standard operating procedures for the manufacture of aerospace wiring harnesses
- Liaising between technicians, tradesmen, and design engineers to resolve difficulties in manufacturing, and tooling
- Production of CAM files for automatic manufacturing of wires and labels

June 2006 – August 2007

Year in Industry Student

**Scott Wilson Railways
Swindon**

- Site Surveying for the East London Line, and GSM-R Projects.
- Production of CAD drawings and schematics using Bentley MicroStation and Hevacomp.
- Designing 11 kV, 600 V, 415 V, 230 V power and signaling power distribution circuits, Tunnel and Station Lighting arrangements.
- Production of Technical Reports.
- Document Control using Bentley ProjectWise.

March 2005 – October 2005

Assembly, Testing and Quality Technician

**Bombardier Rail Control Systems
Plymouth**

- Assemble, testing and re-work of safety critical Printed Circuit Boards and Control Systems for train automatic breaking systems and Signalling systems for both Domestic and International customers.

June 2003 – February 2004.

Database and Network Engineer

**Golf Tech
Swindon**

- Design and Implementation of a database to keep track of Golf Machines and Serial numbers.
- Installation and set up for the office network utilising Windows (2000 and XP), SmoothWall Firewall and Gateway.
- Provided ITC training to staff regarding the Stock and Quality Database, and Microsoft Office Suite.

Education

September 2003-2007

Certificate of Higher Education

**University of Plymouth
Plymouth**

Completed three years of a BSc (Hons) Electronic and Electrical Systems Degree (Third year with Scott Wilson Railways).

September 2002 – July 2003

OND Level 2 modules Swindon
Foundation of Advanced Mathematics

**Swindon College
Swindon**

September 2000 - July 2002

A Level in Electronics
A Level in Physics
AS Level in Computing

**New College
Swindon**

September 1995 – July 2000

8 GCSEs A*-C Including English and Maths

**The Commonweal School
Swindon**