

Dan Maynard

A talented and highly qualified engineer with a passion for solving difficult technical challenges and a track record of successful automation projects in a range of industries.

Technical Skills

Engineering

- creative and analytical problem solving
- leading multi-disciplinary teams to achieve project goals
- project management
- communication at all levels from shop floor to boardroom

Machine Vision

- design of optics and illumination
- measurement and gauging applications
- programming PC based and smart camera systems
- expert user of Scorpion Vision software and Python programming language

Control systems

- design and programming complete PLC based control systems
- motion controls including selection and programming of servo drives
- production of electrical schematics

Mechanical

- strategic design of complete automation systems
- sound understanding of mechanics of systems
- drawing using 2D and 3D CAD
- practical expertise in manufacturing processes (milling, turning, welding)

Career Information

2007 – present: Orion Automation Ltd

Position: Director

Formed own business to concentrate on building industrial machine vision systems. Have successfully completed wide range of projects in medical device, food, automotive, aerospace and nuclear industries.

1998 - 2007: GB Innomech Ltd

Position: Technical Director (since 2001)

Responsible at different times for all aspects of special purpose machine design and build including sales, design, development, commissioning and customer support. Role changed to provide technical leadership and expertise to projects, as well as business management at board level.

1996-1998: Cambridge Consultants Ltd

Position: Engineer

Design and development role in Machinery Design group. Work included powder handling research, mechanical design, PLC software, managing technicians to complete builds, and on-site commissioning.

Education

2001-2002 Open University

Distance learning modules from CCI diploma
Project Management
User Interface Design

1994-1995 University of Cambridge

Postgraduate certificate in Design Manufacture and Management (ACDMM):
a one year course including lectures, projects in industry, and over 100
factory visits.

1991-1994 University of Cambridge

BA (Hons) in Engineering (II₁) Broad engineering science degree including
mechanical and electrical subjects.

Interests

Classic cars (restored and now run a Triumph Spitfire)
Offshore yacht racing
Yacht sailing (qualified skipper)
Active in local church

Personal Details

Primrose Cottage
1, High Street
Alconbury Weston
Huntingdon
Cambs PE28 4JP

Age 39

Married with 2 young children

Excellent health, non smoker

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Clean driving licence

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