

Curriculum Vitae

Name: Nicholas Ian Mounteney

Age: 47

Nationality: British

Health: Good, non smoker

Current position: Company owner / Engineer for Black Carbon Ltd

Management & Business Skills: Presenting a professional manner I have good inter personal skills and can communicate effectively across most levels of business. I understand that good business requires commitment from all departments and believe that managing the concerns of people in their various roles is crucial to achieving success. I am able to contribute positively and openly to debate and can both voice opinion as well as accept other viewpoints. I have a proven track record with both knowledge and ability to successfully identify, create, manage and license IP and have credits on a number of patents and designs. On accepting a responsibility I do not shy from any duty required to ensure its timely completion.

Project Skills: With considerable project experience, both working as a team member and leader, I have worked with people at all levels and at all stages in the product development cycle in areas such as automation (liquid handling, chemistry and screening), bio-technology, consumer products, laboratory instrumentation and medical applications.

Practical Skills: I am a fully trained engineering technician (trained at Cambridge University) with a significantly elevated understanding of engineering principles, materials and science. As well as being able to undertake a multitude of machining processes including, turning, milling, grinding, moulding, model making and complex electro mechanical assemblies, I am also fully conversant with 3D CAD, this combination of skills enables me to fully understand and rapidly solve very complex problems, through being able (where necessary) to take a hands on approach to any problem.

Countries worked in: Belgium, China, France, Germany, Hong Kong, Italy, Malaysia, Singapore, Spain, Sweden, and USA

Work history:

2001-2010

Director and owner of Black Carbon Ltd – I provide a useful cost effective resource to clients in a broad range of industries, offering design and development services for both high and low volume products, which includes experimental work, building rigs and prototypes to test concepts and designs, coming up with innovative solutions to complex multi-disciplinary problems, troubleshooting, fixing problems or finding ways to make improvement to proprietary technologies, fixing and improving third party technologies and systems and helping clients to manage projects or teams.

2000-2001

I worked at Scientific Generics as a consultant where I helped to get a project back on track. A product similar to an inkjet printer, which incorporated a sophisticated electro mechanical assembly and complex software, had run in to problems. The project leaders had identified the need for someone experienced with projects in difficulty and on a recommendation I had been employed to work with them in order to resolve the technical issues; however a second and perhaps more important objective was to help restore faith within the team that whilst the problems were complex they were solvable. The project was completed together successfully within 10 months.

1999-2000

Sabbatical

1993-1999

Working at the Technology Partnership on Melbourn Science Park, I was originally employed as a technician. I worked on a number of high profile projects and quickly became a sought after resource for many project leaders, known for being highly committed to projects I was frequently asked to help to fix problems that teams had found difficult to resolve. I worked on many projects that successfully reached the market place but my defining role came as one of the key inventors for the Black and Decker “Paintmate” a project co funded between B&D, ICI Dulux and TTP. During the project my role increased and I eventually took over the running of the project in its final six months. Eventually moving to the Manufacturing Technology group as a consultant I was one of the inventors credited for the liquid handling technology known as “Mosquito” and also played a key role in the R&D behind the development of “Acumen” a high throughput assay reader, both of which became successful technologies sold through the TTP Labtech group.

1990-1993

I worked at Techne in Duxford with Dr Norman de Bruyne who was an elected fellow of the Royal Society. Norman owned the company and I was employed as his understudy where between us we designed and developed an air powered thermal cycler the “PHC1” which was designed for amplifying DNA using the PCR process. The cycler was tested and reviewed by Dr Paul Schofield who was a senior figure at the Medical Research Council in Cambridge and his review of our instrument was extremely praiseworthy. Whilst the instrument was extremely good it was felt by the board at that time that it fell outside Techne’s corporate remit and therefore did not reach production; however Techne remains one of my fondest memories and I remain ever grateful for Norman’s time and patience with me.

1986-1990

I worked in a variety of jobs involving Mass Spectrometry, Fibre optics, Ion Beam Lithography and High Vacuum systems. Paid my own fees and went to college part time to get part of a B/TEC in electronics. Had a small business making parts for high tech companies on Cambridge Science Park.

1982-1986

Trained as an engineering technician at Cambridge University and qualified with a B/TEC in engineering and an EITB certificate of craftsmanship in Tool Making and Experimental Work.

Skills Overview:

- Project and team management.
- Instrument / Tool / Model making, 3D CAD
- Understanding of business administration all areas relevant to Limited company formation and operation.
- Creation and administration of intellectual property, Patents and Design registration.

Computer Literacy & IT:

Microsoft Office, Word, Excel, Front page, Power point, Access
CAD/CAM software, Rhino3D, AutoCAD, Roland DG software
Adobe Illustrator, Photoshop
Web creation and administration, MS computer networking

Education from school:

GCSE English grade C
GCSE Maths grade C
CSE grade 1 Technical Drawing
CSE grade 2 History
CSE grade 2 French

Other Interests and Achievements:

Making and playing electric guitars, gardening, canoeing and parachute jump, various racing trophies, hill walking.