

EXPERIENCE

Head of Research | [Rica](#).....March 2014 - present

Commissioned work providing insight for: retail, industry, government and the third sector. Designing research to better understand the needs of older and disabled people as consumers. Providing expertise in accessible and inclusive design. Informing product and service design through ideation and usability testing.

Research Fellow | [University of Sussex](#).....Oct 2000 - Dec 2013

Worked on various EPSRC funded IRC research projects investigating the role of pervasive computing technologies which support new forms of human-computer interaction. Developing device and infrastructure technologies, design methodologies and system architectures.

Consultant & Technology Facilitator | [InQbate, University of Sussex](#).....

Oct 2006 - Sept 2009

£5M government funded project building a Centre of Excellence in Teaching & Learning in Creativity at the University of Sussex. Involved in the complete design process from conception through to delivery. Consultant in the design and build phases and facilitator in its implementation.

Business Development Manager | [Geodetic Int. Ltd](#).....1997 - 1999

Hexapod robotic development company. Involved in feasibility studies and applications work for product placement, including designing technical solutions for machine integration into customer processes. Delivering solutions for process controllers (plc's), production information systems (verification and validation) and 3rd party equipment.

Technical Director (EMEA) | [Inex Vision Systems](#).....1993 - 1996

Global machine vision systems company. All company engineering issues (development, service & inventory), within Europe, the near East and Africa. Reporting to the Senior Vice President of operations in Clearwater, Florida.

Applications Engineer / Development Manager | [Inex Vision Systems](#).....1991 - 1993

Systems Integration Project Engineering leading teams of hardware, software and mechanical engineers concerned with management, systems integration and the design of capital equipment for the food, pharmaceutical and packaging industries.

EDUCATION

M.Sc. Robotics, Vision systems | Coventry University.....1990

Pg.D. Robotics | Coventry University.....1989

B.Sc. Maritime Technology | UWIST.....1985

Navigation Officer's F.G Certificate of Competency | UKGov.....1980

EXPERTISE

UX research methods
UCD methods
Usability testing
Competitive evaluation
Product & Service Design
Rapid Prototyping
Wearable technology
Sensor systems
Pervasive computing
Development
Inclusive design
Internet of Things
Older & disabled people

PUBLICATIONS

I have over 40 peer reviewed publications in conference, journals and technical papers, covering:
UCD methods
Pervasive computing environments
Device design
Educational technology
Ubiquitous computing

PROFESSIONAL INTERESTS

Making things work for people
Technology ecosystems
Internet of things
Inclusive design
Interaction design
User Experience