

JAMES TARRANT

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PROFILE

I am a CAD/CAM Programmer with over 10 years experience working with Extrusion Die manufacturers, using both 2D CAD/CAD packages and 3D Modelling software. I have also taken on additional responsibilities in these roles, gaining experience in managing IT infrastructure, providing IT support, and developing software for internal tools.

EXPERIENCE

CAD-CAM Programmer/IT Manager, Alutool Preform Die LTD, Cheltenham — 2019-2024

Responsibilities

- Responsible for creating 3D models of extrusion dies from provided 2D CAD drawings.
- Responsible for building/configuring/commissioning new PCs for internal users
- Responsible for providing IT support to users
- Responsible for developing software for internal tools
- Involved in the planning and development of experimental production processes

Achievements

- Developed skills to become productive in SolidWorks in an extremely short period (zero experience, to only modeller onsite in 9 days), and continued to develop my own skills afterwards, becoming competent in IT support and web/Javascript development.

CAD-CAM Programmer, EFT LTD, Cheltenham — 2013-2019

Responsibilities

- Responsible for writing CNC Milling and Wire programs using Camtek PEPS
- Responsible for writing and maintaining CAD-CAM Macros used by programming and design teams

Achievements

- Developed own skills beyond specification of the role and sought out further responsibilities, such as the macro-writing and being responsible for quality control via CMM.

Production Manager, DME Solutions LTD, Gloucester — 2011-2013

Responsibilities

- Responsible for organising production staff workloads on a daily basis

- Responsible for production of electronic control systems used in care/ medical industry
- Involved in redesigning of active bathing equipment
- Involvement in logistics, stock control and ordering

Achievements

- Introduced changes that increased production efficiency and output

Counter Assistant, W M Morrisons, Cheltenham — 2007-2011

Responsibilities

- Worked in a customer-facing role, serving and preparing food
- Responsible for running of department during periods without department supervisor/manager
- Responsible for helping train staff

Achievements

- Obtained NVQ Level 1 in Retail
- Achieved Food Hygiene Certificate

EDUCATION

Open University, Milton Keynes (Remote) - 2017-2023

BSc Computing&IT (Software Development)

Balcarras Comprehensive School, Cheltenham - 2001-2008

GCSE

ENGLISH LITERATURE	B
ENGLISH LANGUAGE	B
SCIENCE	C C (DOUBLE AWARD)
MATHEMATICS	C
MUSIC	C
ART	C
DESIGN TECHNOLOGY	C

A-Level

ENGLISH (POETRY)	B
HISTORY	D

SKILLS

- Javascript
- HTML
- CSS
- GIT
- Dassault SolidWorks
- Camtek PEPS/Macro writing
- Experience assembling/maintaining PC hardware
- Excellent communication skills, both verbal and written
- Ability to work independently and as part of a team
- Excellent time-management and organisational skills