SIAVASH ABBASZADEH

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**personal profile**

A highly motivated, genuinely flexible and exceptionally hard-working Mechanical Design Engineer with extensive practical skills in CAD, coupled with in depth knowledge of engineering principles, material properties and mathematical concepts.   
Possessing relevant workplace experience, I am accustomed to delivering professional quality work to critical timescales, as well as interacting with clients. I display a positive attitude in all aspects of my work demonstrating the necessary skills to deliver results. I am well organised, reliable, honest and trustworthy. I possess a wealth of technical and industry expertise acquired through a wide range of demanding roles and industry leading qualifications.

**KEY SKILLS**

* Adaptive mechanical engineer possessing excellent 3D CAD skills with experience working on a variety of projects
* Professional in Catia V5 and Electrical Work Bench
* Good knowledge of Digi Buck and Team Centre
* Use Solidworks and Catia V5 to produce parts, assemblies, drawings and bills of materials
* Excellent planner who can prioritise tasks
* Very high levels of self-motivation
* Good attention to detail
* Excellent interpersonal and communication skills
* Good knowledge of business concepts, processes and techniques involving good problem solving skills

employment

**Mechanical Design Engineer(contractor**)

(November 2016 – February 2017)

Responsibilities:

• Working as a contractor in different companies like Marshalls, Ford and SFE

**Mechanical Design Engineer, Ishida Europe**

(February 2016 – October 2016)

Responsibilities:

•Produce detailed manufacturing drawings suitable for manufacturing internally or externally

•Support R&D project (AWS-After Weigher Seasoning)

•Use SOLIDWORKS to design food packaging machines including the sheet metal, weldment and fabrication work for tray sealer machines

•Work with shop floor to troubleshoot problems during the build process

**Project Management Role** (February 2016 – October 2016)

I was working on a construction project.

**Project, Design Engineer, Industrial Power Unit**

(February 2015 – September 2015)

Responsibilities include:

•Support sales in the generation of concept drawings

•Use SOLIDWORKS (2015) to design fuel polishing and conditioning units consisting of pipework, pumps, filters, sheet metal and fabricated frame work

•Produce accurate Bills of Materials using the companies SAP system (Sales Logic)

•Manage changes to designs and BOM’s using Engineering Change Process

•Self-manage workload via project plans and reporting to engineering manager and project team during weekly project meetings

•Work with shop floor to troubleshoot problems during the build process

•Work closely with suppliers to help develop products and drive down costs

**Application Designer, Handicare Accessibility (UK)** (June 2013- Jan 2014)

**Key Achievement in Role:**  Good team player, worked within a group of designers, using SolidWorks to produce stair lifts railing designs and drawings for customers and the manufacturing department.

**Responsibilities included:**

* Speaking directly to the customer or retailer to do any changes into the design
* Working irregular and additional hours to finish the urgent designs to meet the deadline
* Interacting with other designers in the group and manufacturing department to create the best design for each job

**Information Assistance** (September 2008- June 2013), Self-employed private hire car business. I managed to do this job part time whilst studying full time at the university. Where my responsibilities included customer service and cash handling, this involved me in advising and assisting customers, coping with problems and unexpected situations and taking responsibility for counting up and banking money. (2011-2013), Manager Director of a private hire company in Star City at Birmingham expanded the business up to 17 staff. This helped me to build up a good leadership skills and managements (2009-2010).

# **Education**

**Catia V5 and Catia Electrical Work Bench Training:**

I have completed these trainings on December 2016**.**

**SOLIDWORKS Certificate:**

SolidWorks Professional-Mechanical Design (**CSWP**), Certificate ID: CLGMKBSS7XQ, February 2015

SolidWorks Associate-Mechanical Design (**CSWA**), Certificate ID: C-LGMKBSS7XQ, MAY 2015

**SOLIDWORKS TRAINING COURSES WITH Solid Solution:**

Essentials (05 May 2015), Drawing (13 May 2015), Advanced Part Modelling (08 June 2015), Assembly Modelling (22 June 2015), Simulation FEA (10 August 2015), Photo View 360 Training (14 August 2015), Routing: Piping and Tubing (08 October 2015), Sheet Metal (12 October 2015), Mould Design (15 October 2015), Surface Modelling (21 October 2015).

University of Wolverhampton (2010 –2014)

* BEng (Hons) Mechanical Engineering (Second Class 1st Division) IMechE accredite

**Final Year Personal Project:**

* Product Development in Direct Metal Laser Sintering, to investigating the problems associate with down-skin interface concerning laser sintering support structure for Ti6Al4V by using the EOS M270. Design, manufacture and testing of a 3D printer samples.

Edexcel Level 2 BTEC Award (2008-2009)

**Breathing Space Ltd (The Prince’s Trust)** (2004-2005)

* Breathing space course in Small Business Management and Business Planning, Health and Safety Awareness course (September 2005), Emergency First Aid Course (September 2005)

**Walsall Collage** (2000-2002) - ESOL (Higher Intermediate)

aDDITIONAL SKILLS

* Language Fluent and confident Persian speaker, with excellent written Persian.
* Driving I have a full clean UK driving licence and I have my own car.

interests

I am a highly active person, in particular watching and taking part in a variety of sport. I spend a lot of my spare time in the gym and am also interested in football, jogging and swimming. I greatly enjoy modelling solid objects using **SolidWorks** and **Catia V5**.

**References**

Available on request