

## Curriculum Vitae

Dave Houghton

Date of Birth: 14th January 1983

Nationality: British

### Profile

A creative hardworking individual with a strong passion for product design. With excellent interpersonal skills who values working towards common goals as a team player. Understanding the balance of individual responsibility and the importance of communication. I learn quickly and enjoy new challenges, thus continuing to develop a strong skill base. I am looking for the opportunity to work as product designer and if possible within the London area, although willing to travel.

### Key Experiences

Valuable consultancy experience gained from working with two product design consultancies based in London, developing various concept designs, being involved throughout the design process in a fast paced professional environment. Designing products included [children's night lights](#) and [unique Monopoly products](#).

### Relevant Employment/Work Experience:

December 2007 - Present Atlantic Design Ltd : Industrial designer

[Carpark space sensor](#) - concept selected for further development/manufacture for award winning electronics company

[Children's night light](#) - developed ready for upcoming product launch. Lighting effects and shape/style modifications were done in cooperation with the client to achieve desired effect. Detail design was then produced for rapid prototyped working model.

[Lighting scene switch](#) - developed concept ideas for revamped control panel for lighting management.

[Light scene remote control](#) - design concepts created and approved for client presentation, subsequent spin off design was selected for development.

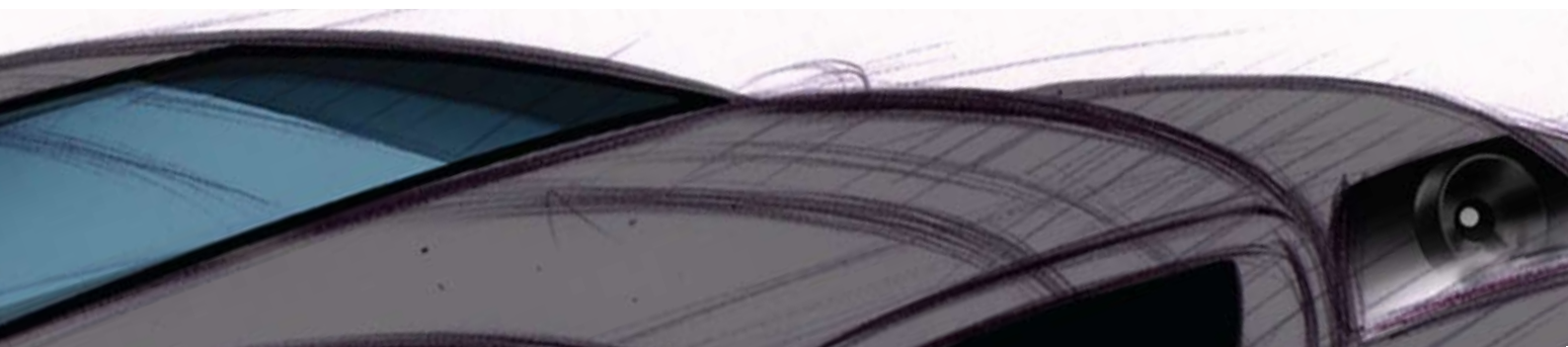
[Thameslink train concepts](#) - part of team providing interior train concepts for Alstom Transport to present for Thameslink bid.

[Train galley \(kitchen\)](#) - concept/detail design for manufacture, involved in client project development review meetings. Liaised with FEA specialists to approve proposed design structures for dynamic environment, meeting tight deadlines from concept to manufacture. Frequent visits to Stoke-on-Trent for onsite management of production. [Buffet Corridor interior design](#) - refurbishment concept design to engineering production for passenger corridor.

[Universal Access train toilet](#) - engineering structure designed for UAT toilet cubical to ensure electronic sliding door mechanism would not jam. Responsible for production liaison with suppliers to ensure design intent. Glass reinforced plastic design knowledge gained from designing large phenolic GRP panels to be securely fixed into a train carriage.

April 2007 - December 2007 J-me : Product designer of consumer household products and gifts

Personal gift concept designs were created and approved for sub licensing; created clay prototypes and Rhino Surfacing Design for SLA Duraform rapid prototyping and mass metal casting production for a set of [Monopoly Branded Keyrings](#), also created [POS / Packaging Design](#) mock-ups, using AutoCAD and Adobe Illustrator (product, packaging and POS can now be viewed in several major retail stores). Worked on website design and search engine optimisation. Creating a long term action plan with estimated profit margins from online sales. Solved mid production injection moulding faults by modifying tooling design of a [Tape dispenser](#) and liaising with manufacturers in China and Taiwan. Designed latest product range catalogue. Took on a number of administration roles i.e processed orders from trade clients and acted as sales personnel, dealing with external queries concerning company products and services. Provided basic IT support. Implemented a business plan to develop software including the successful move of all internet orders to an off site packaging/delivery company. Recently assisted company in relocating to new premises at the OXO Tower, London.



Freelance september 2005 - February 2007

Freelance experience gained from commissions to design balcony and banister railings for a new business, work also required specification of materials and project management until completion. Commissions followed, including the design and installation of two internal and external staircases for two luxury apartments, the internal staircase for one apartment being suspended from a wall, combining the use of solid walnut and oak for contrast and effect. The other staircase being glass tread set upon a central mild steel/stainless steel framework. Achieving a professional finish from using ultraviolet light bonding techniques to glue laminated glass treads to a stainless steel frame, producing an invisible fix.

Freelance Web designer - Commissioned for Web Site design/ E-commerce shopping-cart facility for retail business: [www.galleryh.co.uk](http://www.galleryh.co.uk)

September 2005 - March 2007: Houghton-Parkhouse Ltd : Junior Design Engineer (Part time to support freelance work)  
June 2003 - April 2004 University professional work placement

Worked on prototype designs for Livestock Transporters and semi frame trailers using 2D/3D computer packages including Pro-engineer. Responsibility was held for bespoke customer design modifications and drawings for manufacture. Implemented production related design changes, for example, automated cutting lists/BOM Generators for increased productivity. Experience gained within manufacturing and sales divisions of the company. Key member of the team recently deciding upon implementation of an integrated MRP/Pro engineer PDM system. Attended design exhibitions in Frankfurt, Stuttgart, Paris and UK, to discover and evaluate new designs and manufacturing techniques and suppliers.

October 1999 - 2000: Cypher Graphics Ltd.

Voluntary work of one day per week whilst studying for A-levels, gaining experience in a graphic design consultancy, worked on projects for national organisations, for example 'Costa Coffee; 'Prince Tennis Rackets'; working along side photographers and graphic designers.

September 1998: TVR Ltd

Extensive work experience at UK leading car manufacturer, ranging from initially working on suspension and diff installation to working with the design team. During that period I was given the solo project of design and construction of a fiberglass battery box cover for the 'Tuscan' concept car, to be shown at the Birmingham Motor Show. The design was then used in 'TVR's production of the 'Tuscan'.

### Interests / Achievements

I enjoy participating in downhill mountain biking; enduro motocross; karting; snowboarding and wake boarding, some of which I first encountered during a six month round the world backpacking trip exploring New Zealand, Australia, America, Hong Kong, Hawaii and Fiji. In 2006 completed a charity solo sky dive and raised £600; later in the year as a team we were placed 1st in 'Its a Knockout' charity event raising £2700 and also undertook three endurance motocross trials. I thoroughly enjoy socialising with friends and attending music festivals and comedy shows.

Earlier achievements include: Duke of Edinburgh silver award; Rugby tour to Isle of Man, 4-Star skiing qualification, clean driving licence. A hole in one - crazy golf Bournemouth!



## Education

2001 - 2005 : Bournemouth University

Computer Aided Product Design BA/BSc Degree, 4yr sandwich course ( Awarded: BSc 2:1 Hons).

Worked in depth on: Advanced 3D modelling and detailed design projects; product life cycle; sustainable product development; consumer studies; contextual design; manufacturing methods & materials; FEA analysis/hand calculation comparisons; mechanism design; rapid prototyping; conventional prototyping/model making techniques; detailed product analysis; design management/market analysis and patent application & protection.

Financial Award given for final showcase design of [mountainbike/motorcycle internal disc brake](#).

1994 - 2001 : Dallam School, Cumbria

A-level's : Product Design & Graphic communication (B) I.T (B) GCSE's : 9 (Grades B-C)

## Computer Skills & Software Training

Pro-engineer Wildfire 3 /Mechanica /Sheet metal/Mech  
AutoCAD 2006  
Alias Wavefront 9.6  
Sdrc Ideas 11/FEA/Mould flow  
Rhino 3  
Solidworks 2003

Adobe CS3 Photoshop/InDesign/Illustrator  
Macromedia Studio 8 Suite  
Actinic E-commerce Internet shopping  
Intouch 9.5 BMS Control  
CES Material Selector 4.0  
Microsoft Office Suite

## Courses Attended

Nov 2006 - March 2007

6 hrs per weekend - advanced sketching tuition for product concept sketching, marker rendering & visualisation techniques taught by an automotive design university lecturer.

May 2006 'Bohle' Manchester

1 day training, ultraviolet glass bonding techniques

April 2006 'Wonderware' Cheshire

2 days training, Intouch Scarda Software, controlling electronic PLC's

Oct 2005 'Actinic' London

1 day training, Actinic e-commerce Developer Course

Mar 2004 'Rand Worldwide' Durham

2 days core update, Pro-Engineer 2001 to Wildfire

Mar 2003 'Rand Worldwide' Durham

1 week Pro-e advanced modelling and assembly course

2003 'Cinema 4D centre'

1 day training, Cinema 4D

2001 'AutoDesk Centre' Manchester

1 day training, Inventor 5.3

2000 'Rand Worldwide' Durham

1 week course, intro Pro-Engineer, Modules 1 & 2

## References

Managing director: Mr. Charles Greenway Tel: 020 7435 1777  
Atlantic Design Transportation Ltd, Hampstead, London

Managing director: Mr. Mark Antoniadou Tel: 0207 928 8828  
j-me Product Design Consultancy, Oxo Tower Wharf, London

Dave Houghton

Dated: 21st April 2009

