

Education

Imperial College, London 2002 - 2007

Electrical and Electronic Engineering (MEng), Top 2.1.

Academic Projects: Editor of 2nd Year Group Project entitled 'Technology and Happiness'; Lead in 3rd Year Group Project on Interactive Cycling Simulator (design and build); Final Year Individual Project 'Eye Gaze Controlled Navigation'.

George Watson's School, Edinburgh 1996 - 2002

3 SQA Advanced Highers (equivalent to A Level) and 5 SQA Highers (equivalent to A* Level): AAAAA BBBB.

Awards, Achievements and Publications

- **Seedcamp Europe Finalist (EnTrip Ltd, UK)** 2008
- **HCI 2008 Award for Excellence to best UK publication in AVI 2008 (Gaze Controlled Navigation)** 2008
- **Publication in AVI 2008 Conference (Gaze Controlled Navigation)** 2008
- **Publication in Cogain 2007 Conference (Gaze Controlled Navigation)** 2007
- **Eric Laithwaite Prize for outstanding innovation in final year project (Gaze Controlled Navigation)** 2007
- **Product Development and Sale of Mac OS X utility 'iTuneSleep'** 2005 - 2008
- **Schlumberger Prize for a best 2nd Year Project, Imperial College, London** 2004
- **Arkwright Scholarship for Engineering, George Watson's, Edinburgh** 2001
- **Duke of Edinburgh's Silver and Bronze Awards, George Watson's, Edinburgh** 1999 - 2001

Work Experience

Founder and CTO, SapnaSolutions, Pune 2009

Co-founded SapnaSolutions, a leading Ruby on Rails product development company in Pune, India. As CTO was fully responsible for technology team and product development. Built and hired a 15+ team of developers working on client web application development and in house projects.

Founder and Director, EnTrip, London & Pune 2007 - 2009

Co-founded the map based travel utility, EnTrip. Developed a prototype, with responsibility for design and technical development. Helped source, train and manage the initial core development team.

Database Application and Web Developer, Stage Technologies, London 2006 - 2007

Learned ASP.NET and Sybase SQL engine development. Designed and implemented a web based front end for the administrative database. Architect and lead developer of a database suite for the mechanical engineering team.

Lead Developer, Factotum Tech, Edinburgh 2006

Participated in web development for clients and IT support in office. Responsibilities included designing and engineering an easy to administer content management driven website for a client and upgrading the business network client and server software.

Database Operator and Administrator, Scottish Water Solutions, Livingston 2004 - 2005

Developed non basic user end scripts to interact with an online database that vastly increased efficiency and improved workflow.

IT Administrator and Developer, Clifton Hall School, Edinburgh 2004 - 2006

Spearheaded renovation of School's aging IT system on a tight budget. Installed ethernet infrastructure, new servers, clients, and setup all services associated with a small business network. Managed IT support upon completion.

Leadership and Teamwork

Founder and Technical Lead for two India / Europe based Technology startups, London & Pune Oct 2007 - Oct 2009

Lead technical development of startup teams, including architecting and delivering betas of EnTrip and a movie social network.

Teacher for Akanksha Children's NGO, Pune Feb 2008 - Oct 2009

Teaching and Assisting in Teaching of English, Maths and Values to underprivileged children.

Management and Technical Lead, EE3 Yearbook, Imperial College, London 2006 - 2007

As part of a team of three: generated ideas, managed, marketed, designed, and produced a 100 page yearbook. Personally created a content collection website similar to FaceBook with an SQL back-end for student content input and compilation.

1st XI Cricket Opening Bowler, Imperial College, London 2006 - 2007

Royal Academy of Engineering's 'Headstart' team-building program, Glasgow 2000

Management of the School Yearbook, George Watsons College, Edinburgh 2002

Skills

Software Development: C++, MATLAB, Ruby, Ruby on Rails, AppleScript, PHP, SQL, ASP.NET, Javascript, HTML, CSS.

General: Full International Driving License, Fully proficient in Office Suite, Windows, Mac OS X

Language: Excellent written and verbal English, Intermediate Spoken and Written Chinese, Basic French

References

Peter Cheung / Bob Spence

HEAD OF DEPT / FORMER HOD

Electronic Engineering

Imperial College London

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