

Summary

Graduated in 1997 from Lancaster University with a 1st class degree in Computer Science and Software Engineering. Worked as a Research Scientist for the UK Ministry of Defence after graduation focussing on satellite communications and battlefield simulation. Relocated to the USA and worked as a Senior Software Engineer for MBNA (banking), Motorola (police radio networks) and Arizona State University (NASA Mars orbiter) before returning to the UK to work modelling supply chains for the RAF via BAE Systems. Employed as a Senior Systems Developer for small to medium businesses thereafter before launching FlatCoder Ltd. in August 2010.

FlatCoder Ltd. Activities 2010/11

- Development of an educational 3D game using Python, Jabber/XMPP, Openfire Server, Panda3D and the Artificial Intelligence Mark-up Language (AIML).
- Custom development around Customer Relationship Management (CRM) systems. Based on Linux, Apache, MySQL and PHP (LAMP) alongside SugarCRM.
- Enterprise Resource Planning using OpenERP (Python and PostgreSQL).
- Web Site Development (WordPress, Drupal) and SEO.
- Integration of systems with Microsoft Exchange Server. Developed in Ruby on Linux, communicating with Exchange Web Services (EWS/SOAP).
- Development of a free educational resource (<http://www.mygamefast.com>).

Employment History

• 2010 – Present	Director	FlatCoder Ltd.
• 2006 – 2010	Senior Systems Developer	Accelerate4 Ltd.
• 2003 – 2005	Owner/Proprietor	GSR Guitars
• 2002 – 2003	Senior Analyst	BAE Systems
• 2001 – 2002	Programmer	Arizona State University (USA)
• 2000 – 2001	Senior Software Engineer	Motorola (USA)
• 2000 – 2000	Software Engineer	MBNA (USA)
• 1997 – 2000	Scientist	DERA UK MoD

Education

1st Class B.Sc. Hons Computer Science w/Software Engineering (Lancaster University, 1997).

Programming Languages: C/C++, ADA 83/95, 68000 Assembly, SQL (using INGRES), Prolog
Research Project: A Neural Network for Automatic Speaker Identification

References

Available On Request.