

CURRICULUM VITAE - DONALD STURGEON

Date of birth: 24.11.80
Nationality: British

Place of birth: Edinburgh, UK
Marital status: Single

UNIVERSITY EDUCATION

BA Chinese

2002-2005 Beijing Language & Culture University, China

- Achieved Level 10 (Advanced level B) of internationally recognised HSK exam in April 2005.
- All courses taught in Mandarin Chinese.
- Graduation thesis "Comparative study of Mo-jing and Aristotelian logic" (in Chinese) awarded highest grade.

BSc Mathematics II.i

1998-2001 University of Warwick, UK

- Courses included areas of pure and applied mathematics, computer science (including courses involving the use of Java and Perl), and physics.
- Second year essay "Riemann Zeta Function" awarded highest grade.

Japanese Language Studies

April-September 2002 Keio University, Japan

- Achieved Level 1 (highest level) of internationally recognised Japanese Language Proficiency Test in December 2004.
- All courses taught in Japanese.
- Courses covered aural and written skills, modern text and newspaper reading.

SECONDARY SCHOOLING

1992-1998 Dalkeith High School, Dalkeith, Midlothian, UK

Year	Higher	Grade	Year	CSYS	Grade
1997	Mathematics	A	1998	Mathematics	B
	Physics	A		Pure mathematics	A
	Chemistry	A		Applied mathematics	B
	English	A		Chemistry	A
	French	B		Physics	B
1998	Computing studies	A			

COMPUTER SKILLS

Programming skills

Strong skills in C/C++, Visual Basic, COM, Perl, SQL, ODBC

Intranet and web programming skills

HTML and XHTML, CSS, RSS, CGI scripting, JavaScript

Other computing skills

Excellent knowledge of common applications such as Windows, Word, Access, CorelDraw, DreamWeaver, as well as of many specialised systems including Unix, LaTeX technical typesetting system, multilingual computing.
Detailed understanding of TCP/IP and Windows NT/2000 networking.

EMPLOYMENT RECORD

ISOBM 2003 [31st Meeting of the International Society of Oncodevelopmental Biology and Medicine, Edinburgh, September 2003]

[April 2002 - September 2003]

Contracted to design and maintain a computer system for management of this International Meeting, which attracted over 400 delegates. Remit included all aspects of programming and support of a computerised system for delegate registration and abstract submission, as well as design and maintenance of the meeting website.

Main achievements

- Created automated system to handle registration process, including web payment.
- Greatly simplified management of all aspects of processing of participant abstracts as well as automated production of meeting proceedings in a format suitable for immediate publication in an academic journal.

Technologies used

- Perl and C++ in a UNIX environment
- HTML and JavaScript
- Microsoft Access, SQL and ODBC

Department of Clinical Biochemistry, Royal Infirmary of Edinburgh

[August-October 2000; August-September 2001; subsequent contract work]

Employed as a Medical Technical Officer to design and implement a modern relational database system to report the Department's tumour marker results to clinicians.

Main achievements

- Enabled numerical and graphical reporting and authorisation of cumulated clinical results for the Tumour Marker Service.
- Permitted processing of over 500 samples per week for more than 40,000 patients.
- Created expert system to provide clinical interpretative comments.
- Devised security policy to guarantee data integrity and privacy.

Technologies used

- C++ in a Windows (MFC) environment
- Microsoft Access, SQL, ODBC, and Visual Basic for Applications

OTHER INTERESTS

Philosophy and Modern East-Asian history.

Extensive travel within southeast Asia.

Amateur electronics.

Personal home page: <http://www.dsturgeon.net>

Chinese Text Project: <http://chinese.dsturgeon.net>

REFERENCES

References available on request.