

# Angus McIntyre

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## EXPERIENCE

### Software developer

09/2006- blip.tv New York, USA  
Web application developer, using Perl, JavaScript and (X)HTML, Ajax, CSS, XML/XSLT.  
Worked on content management system for online video hosting.

### Senior software developer

03/2004-09/2006 Video Monitoring Services New York, USA  
Web application developer, using Java (J2SE, J2EE, Swing, EJB, Struts, Tapestry, Spring, Axis, Hibernate, FOP, Xerces/Xalan), Perl, SOAP, XML/XSLT, CSS, JavaScript and (X)HTML. Developed web applications, web services, and miscellaneous utilities. Lead on project to develop functional specification for an advanced content-delivery platform. Tech lead on project to develop online sales for digital video.

### Internet developer

09/2002-02/2004 Independent consultant New York, USA  
Independent Internet developer, using Java (J2SE, Swing, J2EE), Perl, SOAP, XML/XSLT, CSS, JavaScript and HTML for Video Monitoring Services LP and other clients. Hostmaster/system administrator (FreeBSD, Apache, Perl, MySQL and PHP).

### Webmaster/System Administrator/Researcher

10/1996-07/2002 Sony Computer Science Laboratory Paris, France  
As webmaster, designed and implemented multiple websites and maintenance tools (using PHP, MySQL, XML/XSLT, Perl, HTML). As system administrator, responsible for administration of heterogeneous network (multiple OS's), DNS administration and Internet technical support for national sales company. As researcher/engineer, designed and built systems using Common LISP and Java for research projects in mobile software agent systems, cognitive robotics and evolutionary communication systems.

### Web developer

05/1993-10/1996 Independent consultant London, UK  
Chief software architect and principal developer for web content-management system for publisher Addison Wesley Longman (using Perl, MSQL). Chief software architect and principal developer for e-commerce system (using Perl, MSQL) developed for TradePages/Willie Holt (Eire). Worked as consultant developer/designer on contract to Internet consulting company fma Ltd.

### **Project Developer**

12/1990-05/1993 Knowledge Technologies nv. Brussels, Belgium

Designed and developed prototype knowledge-based systems for European Community-sponsored research projects: lead developer/project manager for authoring toolkit for knowledge-based systems (using Common LISP); lead developer for tutoring system demonstrator in domain of job-shop scheduling; developer for advanced instructional authoring system. Performed knowledge engineering for railway scheduling project. Taught course in expert systems at Fiat's ELASIS research center.

### **Head of Dialogue Systems Unit**

11/1989-12/1990 Dida\*El srl Milan, Italy

Chief software architect and principal developer on project to build experimental intelligent tutoring system (using Common LISP) for European Community research project. Designed and implemented project management tools (using C) for internal use.

### **Programmer**

7/1988-8/1988 Center for Speech Technology Research Edinburgh, UK

Developed components for AUDLAB signal processing system (using C).

### **Programmer**

7/1986-8/1986 Monotype Advanced Development Group Cambridge, UK

Developed proofing tools for typographical design system (using C and PostScript).

## **EDUCATION**

1989 Edinburgh University Edinburgh, UK

MSc in Intelligent Knowledge-Based Systems. Graduated with Distinction.

1988 Edinburgh University Edinburgh, UK

MA in Linguistics with Artificial Intelligence. Graduated with First Class Honors.

## **SKILLS**

<b>Area</b>	<b>Tools</b>	<b>Experience</b>
Web development	Perl, PHP, Java, JavaScript, MySQL, Ajax, XML/XSLT, CSS, (X)HTML, Apache, Ruby	12 yrs
AI/knowledge-based systems, NLP	Common LISP, PROLOG	13 yrs
General programming	C, C++	5 yrs
System administration	MacOS, Solaris, Linux, Windows, FreeBSD	12 yrs
Technical writing/documentation	LaTeX, MS Word	14 yrs

## **FOREIGN LANGUAGES**

French (fluent), Italian (fluent), Spanish (basic), Dutch (basic), Japanese (minimal)