

Angus McIntyre

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<http://nomadcode.com/>

EXPERIENCE

Senior software developer

06/2014-present Edge Research Technologies LLC New York, USA

Web back-end developer, using Python, Java, Solr, MySQL, AWS. Developed content-ingestion and web-scraping tools for a knowledge management platform.

Software developer

09/2006-05/2013 Blip Networks New York, USA

Web application developer, using Perl, Java, MySQL, JavaScript and (X)HTML, jQuery, Backbone.js, CSS, XML/XSLT. Worked on content management system for online video hosting. Developed video stats processing system and other back-end utilities.

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. Tech lead on project to develop online sales for digital video.

Internet developer

09/2002-present Independent consultant New York, USA

Independent Internet developer, developing solutions using HTML/CSS, Java (J2SE, Swing, J2EE), Perl, Javascript, Python, XML/XSLT, PHP and WordPress for multiple clients. Hostmaster and system administrator (CentOS, 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. As system administrator, responsible for administration of heterogeneous network, DNS administration and Internet technical support for national sales company. As researcher/engineer, designed and built systems using Common LISP and Java for 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. Chief software architect and principal developer for e-commerce system for TradePages/Willie Holt (Eire). Consultant developer/designer on contract to Internet consulting company fma Ltd.

Project Developer

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

Designed/developed prototype knowledge-based systems for European Community-sponsored research projects: lead developer/project manager for authoring toolkit for knowledge-based systems and job-shop scheduling tutoring system; 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

Web development	Python, Javascript/jQuery, Java, Perl, HTML5, CSS3, XML/XSLT, MySQL, Apache, Ruby, Node, grunt	20 yrs
AI/KBS, NLP	Common LISP, PROLOG	13 yrs
General programming	C, C++	5 yrs
System administration	Linux, MacOS, Windows	20 yrs
Technical writing	LaTeX, MS Word	15 yrs
Languages	English (native), French, Italian (fluent), Spanish, Dutch (basic)	