

Alex James

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Professional Experience

January 2013 – Present

Musicmetric
Shoreditch
London
UK

Software Engineer

Key Responsibilities:–

- Software design, documentation and implementation. Responsible for the company's data quality assurance systems and front-end testing suites.
- Other projects include API design and implementation, web crawling systems and distributed web tasks.
- Working with a range of technologies across multiple domain areas. Particular emphasis on embracing new technologies effectively.

My main responsibilities at Musicmetric are the design, implementation and maintenance of systems that monitor the timeliness and effectiveness of the data we process. I am also tasked with contributing to a wide range of projects from implementing new APIs, and the front end web applications to make use of them, to developing tasks for our distributed web crawlers. The role requires strong technical skills, both in terms of core technologies and also in terms of utilising new tools and technologies. Working at a small company has required excellent interpersonal skills to properly coordinate with different team members on projects as well as ensure the systems I develop properly meet the business need for the relevant stakeholders.

February 2012 – January 2013

Autonomy, an HP Company
London
UK

Technical Specialist

Key Responsibilities:–

- Implement customer solutions across an array of products and environments.
- Working within a geographically diverse team, requiring strong interpersonal and team working skills.
- Working within a design team to generate requirements based on customer need.

I was a member of Autonomy's pre-sales promote team. My main function was to support the sales process by producing proof of concept and demonstration systems; often developing systems on short deadlines with unclear requirements, requiring, in particular, flexibility and efficiency. A strong technical base, combined with an ability to learn quickly, was vital in this role. Working within a team, and directly with customers, required excellent verbal and written communication skills to ensure that the solution matched the customer need and was delivered on time and to specification.

December 2009 – January 2010

Netcraft Ltd.
Bath
UK

Hosting Classifier

Key Responsibilities:–

- Analysing large quantities of data from an array of sources and extract information of interest accurately.
- Self-motivation and discipline.

Technical Skills

Programming Languages	Advanced: Python, Javascript. Intermediate: Java Beginner: C, C#, Ruby
Operating Systems	Windows, UNIX
Web Technologies	HTML, CSS, SQL, JQuery, Backbone.js, Pyramid, Selenium
Miscellaneous	Git, Subversion, L ^A T _E X, Photoshop, UnrealScript

Education

October 2010 – October 2011

St. Cuthbert's Society
Durham University
School of Engineering and Computing
Sciences

MSc in Internet and Distributed Systems, Distinction

Modules:– Object Oriented Design and UML, Software Dependability, Advanced Principles of Networked Systems, Enterprise and Distributed Systems, Web Technology, Information Search for the World Wide Web, Digital Imaging.
Dissertation:– Sound Design and Immersion

September 2007 – June 2010

St Cuthbert's Society
Durham University
School of Engineering and Computing
Sciences

BSc (Hons) in Natural Sciences (Computer Sciences, Mathematics, History), 2:1

Computer Science:– Advanced Software Engineering, Advanced Artificial Intelligence, Programming and Reasoning, Software Applications, Computer Systems, Introduction to Programming, Formal Aspects of Computer Science.
Mathematics:– Linear Algebra, Numerical Analysis, Core Mathematics A, Core Mathematics B1.

September 2000 – July 2007

John Hampden Grammar School
High Wycombe

A Levels

Mathematics (A), History (A), Physics (A), Further Mathematics (C), Chemistry (B).

GCSEs

Mathematics (A*), Chemistry (A*), Biology (A*), Physics (A*), History (A*), Electronics (A*), English Language (A), English Literature (A), German (A), Geography (A).

Personal Interests

Sporting Interests

- Rock climbing and hill walking
- Durham Saints American Football Team (2007-2011)

Other Interests

- Photography and video editing
- App Development

Extra Information

Native english speaker. Full UK Driver's Licence. Heartstart and Wilderness Expertise first aid qualifications