Stephen Brown

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Experience

2013 - Current
Bank of America, *AVP Programmer*, UK, Front Office Trade Capture.
- Java and C# development on Front Office trade capture platform
- Improved release automation using bash, python, and command line scripting tools
- Moved existing hot-cold failover platform to hot-hot zero downtime platform
- Introduced and pushed use of standard deployment technologies (Ansible)
- Developed REST HTTP APIs for use by other teams
- Spearheaded move from SVN to Git which was then followed by the rest of the department
- Significant interaction with traders, middle office and back office for support and feature requests
- Hosted cross-team collaboration and learning sessions between technology support and development
- Technologies used: C#, Java, Python,SQL/Oracle, Ansible, Haproxy, Git

2011 - 2013
Bank of America, *Graduate Programmer*, UK, Back office Controls Technology.
- Joined team working on vendor provided reconciliation software
- Introduced automatic testing and deployment to the team
- Started a new team developing reconciliation software in python on an internal development platform
- Technologies used: Python, NoSQL, Parallel computation (2000+ node clusters)

Summer 2010
OpenStreetMap, *Google Summer of Code Student*, UK.
- Significant development on an open source Android application
- Collaborated with team members and translators around the world
- Managed and triaged bugs
- Took on responsibility for managing release schedule
- Technologies used: Java, Android

Summer 2008, Summer 2009
In4Systems, *Programmer*, UK, Asset Management.
- Web Development using Ruby on Rails and Sybase
- Worked as part of a team to deliver the new web-based version of an existing asset management product.
- Made significant use of AJAX and JavaScript to smooth the user experience
- Performed unit testing and automated testing using Ruby web testing frameworks
- Technologies used: Ruby on Rails, Sybase

Education

2007-2011
University of Warwick, *2:1 Master of Engineering in Computer Science*, Coventry, UK, Full Time.

2001-2007
Forest School, *4 A Levels*, Winnersh UK, Full Time.

Achievements

2011 **Qualified NPLQ Lifeguard and BCU First Aider**

2013 **Kayak Level 1 coach**

2013 **Certified Scrum master**