

# Stephen Brown - CV

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## Contact

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## Professional Experience

### AVP Programmer, Bank of America Merrill Lynch *2014-current*

- Java and C# development on front office trade capture platform
- Use of 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 teams
- Technologies used:
  - C#
  - Java
  - Python
  - Ansible
  - SQL/Oracle
  - Haproxy
  - Jetty/Restlet
  - Git

### Programmer, Bank of America Merrill Lynch *2011-2014*

- Joined team working on vendor provided reconciliation software
- Introduced automatic testing and deployment to the team
- Founded the Reconciliations Quartz team (QzRex) and grew it to 12+ developers.
- Founded the GMOT Core Quartz team
- Technologies used:
  - Python
  - Parallel computation (2000+ node clusters)

### Google Summer of Code Student, OpenStreetMap *Summer 2010*

- 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

## Web Developer, In4Systems *Summer 2008 – Summer 2009*

- 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

- University of Warwick Computer Science (MEng) 2007-2011. Awarded 2:1
- Forest School, Winnersh 2001-2007. 4 A-Levels

## Achievements

- Qualified NPLQ Lifeguard and BCU First Aider
- Kayak Level 1 coach
- Certified Scrum master

## Interests and Skills

- I founded a python project with 240+ watchers and 50 forks: [pydashie](#)
- I am an experienced white-water kayaker, and have been leading trips for six years.
- I have experience in other programming languages outside of work and university including Python, MySQL, MS SQL, C#, HTML, CSS.