Yang Guo

Software Engineer

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Experience

09/2014 – Today	**Société Générale CIB**, *Software Engineer*, Global Forex Derivatives Booking & Deal Processing System, Paris, France. **Java, Spring, Hibernate, Swing, JDBC, Sybase, C#.Net, WinForm, Oracle, Groovy, Jira, SVN, Git, Nexus, Maven, Jenkins, Linux**

- System analysis, conception, implementation and test of developments.
- System maintenance, production support, on duty call. Release management.
- Major Projects:
  - Integration of new exotic products (payoff and event implementation)
  - Yearly pnl sell-down execution on forex derivatives
  - System deployment for Korea entity (booking and compliance)
  - Modernize and migrate team toolchain to company-wide platform

05/2013 – 09/2013	**Electricite de France (EDF) R&D**, *Research Intern*, Integration of Smart Grid models in Simulation Platform, Paris, France. **Python, C++, Scientific Computing, SmartGrid**

- Development of a importation and visualization tool for legacy power grid models.
- Integration of new numerical solvers into platform. POC on industrial models.

07/2012 – 08/2012	**Baidu Mobile Cloud Ecosystem**, *Quality Engineering Intern*, Test automation for Android applications, Beijing, China. **Python, Android, Mobile, Test Automation, Quality Engineering**

- Worked inside the QE team of Baidu App Store, participated in routine operations in App Review process. Maintained and deployed automated test platform.
- Enhanced filter and scanning module on Android ad SDK.

Education

2012 – 2014	**Master of Science**, *Georgia Institute of Technology*, Atlanta, US. Major: Computer Engineering
2010 – 2013	**Master of Engineering**, *Ecole Supérieure d'Electricité (Supélec)*, France. Machine Learning & Robotics

Skills & Languages

Stack1	Java, Groovy, Spring, Hibernate, JDBC, Jenkins, Maven, Nexus
Stack2	C#.Net, WinForm, VBA, C++
Stack*	Sybase, Oracle, Git, Linux, Python, Django, LaTeX
Finance	Forex Derivatives, Deal Processing, Risk Analysis
Languages	*Native in Chinese, Cantonese Fluent in French, English(TOEFL 101/110)*