



# Senior Software Engineer – Jiang Nan

## Information

**Name:** Jiang Nan                      **Sex:** Male                      **Birth:** 1987/10  
**Phone:** +86-18658866246              **Email:** njiang1987@gmail.com      **ID:** 370983198710080077  
**Keywords:** iOS; Objective-C; Xcode; Restfull; JSP; Git              **Blog:** <http://www.njiang.cn>

## Self-Evaluation

Energetic, creative, well-rounded, outgoing and self-motivated individuals, have the ability to learn quickly, strong quantitative and analytical skills and a desire to thrive in a high-pressure environment. Always want to learn new technology. In my spare time, I like ride bike and play billiards.

## Education

- **2009.9-2012.3**      **Tongji University**      **Computer Application**      **GPA:** 3.34 / 4.0      **Master**
- **2005.9-2009.6**      **Jiangnan University**      **Information and Computing Science**      **GPA:** 3.10 / 4.0      **Bachelor**

## Work

- **2012.3-Now**      **MicroStrategy**                      **Mobile Visualization Team**                      **Senior Software Engineer**
  - Develop MicroStrategySDK Framework, which is used to render App according to document structure.
  - Develop Standalone selector/Info window, include animation/blur effect (used on MicroStrategy official Demo Page). Extend UI components: UISearchBar, UIPopoverController.
  - Optimize Group by (paging) algorithm to support continuous scroll. During development, use Git to manage source code (integrate with ClearCase).

## Internship

- **2011.3-2011.8**      **IBM**                      **HSG Department**                      **Software Engineer**
  - Familiar with Virtual Management and production of EMC: vCenter Server and ESX4.0.0,
  - Familiar with Storage knowledge, SVC Control System and test vc-Plugin 2.5.0 by myself
  - Deploy SCVMM SSP on Win Server 2008R2 and code with PowerShell, According to Microsoft EN doc
- **2010.4-2010.10**      **Autodesk**                      **CIP Department**                      **Software Engineer**
  - Design automation test framework, develop an automation tool on MAC platform using QT (Multithreads, XML), optimize comparison algorithm and write design document

## Project

- **Chisel Enhancement**
  - Integrate with **requests** lib to get authorization from web server, with login/password or cookies.
  - Get response string from web server and generate URL config link from **JSON** sting.
  - Integrate with lldb API for python, config App with URL link generated above.
- **BaoSteel Portal (JSP)**
  - Use **Agile** development model, learn the workflow and finish requirement analysis document for this system.
  - Develop Restfull webservice with Myeclipse + Tomcat + SQL Server 2005 environment.
  - Use Struts+Hibernate architecture, also use AJAX technology, Write CSS and so on

## Research

- Rendering for 3D Animation Based on Octree, and finish the coding and testing for algorithm. Collect the result and compare it with others, it can improve the render more efficiently.
- Use GA algorithm to improve cargos in the warehouse, Ants algorithm to do path optimization for the stacker

## Paper

- 《Rendering for 3D Animation Based on Octree》                      Journal of Computer Science & Systems Biology

## Certificate

- Jiangsu Software Architect
- National Computer Grade 3(Network)                      National Computer Grade 2(Language: C)
- Jiangsu Computer Grade 3(Software)                      Jiangsu Computer Grade 2(Language: C)