# Cindy Zhou

Software Engineer at Facebook

## Summary

I believe in:

forming alliance with customers,

having a lot empathy for users,

and always taking the pragmatic approach.

Specialties: distributed computing, web service and plugins, web front-end

Software infrastructure, architecture and performance.

Java, Python, Javascript, SQL, REST, OAuth, Amazon EC2, NoSql, Hive, iOS and android development

## Experience

**Software Engineer at Facebook**

August 2013  -  Present

**Software Engineer at Groupon**

July 2012  -  July 2013 (1 year 1 month)

  Designed, built and scaled merchant data REST services as data platform to drive enterprise-scale
  applications.

**Senior Software Engineer at Acer Cloud Technology Inc.**

August 2009  -  July 2012 (3 years)

- Built REST and SOAP web services for cloud modules to support user activities, metadata synchronization, file upload/download, media streaming, and synchronized file editing.
- Delivered web-front for AcerCloud to serve global user registration, device management, metadata syndication, and administration.
- Modularized access control into web service API to enhance scalability and security.
- OpenID and OAuth based integration with 3rd party content providers.
- Audio/video processing, flash based UI development for gaming platform.
- Participated in Android client app development for AcerCloud.

**Software Engineer at 3VR Security Inc.**

June 2006  -  July 2009 (3 years 2 months)

- Designed and built 3VR REST web service API family.
- Integrated thousands of distributed video analytics systems into surveillance enterprise.

- Built persistence layer for processing real-time video with code generation, sql automation, fast serialization, and notification.
- Built infrastructure to accommodate external search engines and plugins with extensive version compatibility.
- Built the fastest access control system based on 3VR face recognition API.

**Software Engineer**
June 2005  -  May 2006 (1 year)
- Built REST API for Jeteye.com in Java
- Led a team in building JUnit/xml test harness and stress test automatons.
- Redesigned common 3-tier J2EE architecture into 1-tier Python apache module for XML processing and scalability.

**Research Assistant at University of San Francisco**
August 2004  -  May 2006 (1 year 10 months)
- Built and supported San Francisco Ethics Commission electronic filing systems on .NET(C#) and SQL Server.
- Built and maintained on-line course PHP website.
- Teaching Assistant for Artificial Intelligence and Distributed Software Development courses.

**System Analyst at HSBC Electronic Data Processing Center**
July 2002  -  July 2004 (2 years 1 month)
- Built front-end(Java/JSP/xml) code for 80+ web forms for global on-line banking software.
- Supervised daily documentation and deployment for a front-end team of six.
- Weekly mainframe database performance inspection.

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## Education

**University of San Francisco**
Master's, Computer Science, 2004 - 2006
**Activities and Societies:** Delivered electronic filing system for San Francisco Ethics Commission.
**South China University of Technology**
Bachelor's, Computer Science, 1998 - 2002
**Activities and Societies:** Designed, budgeted and built the first fast Ethernet on campus; Ran audio technology lecture series on campus;

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Contact Cindy on LinkedIn