

# Mo Zhai

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**Me** I am an experienced software engineer with years of professional practice. My experience covers using Objective-C, Java, R, Python, .NET, C++, JavaScript, and many other languages on top of most popular frameworks. I have delivered several enterprise web applications and business mobile apps (on App Stores). I am a hard worker with great learning skills. I have an enthusiastic heart for programming and data science.

- Skills**
- **Frameworks:** iOS, Android, Liferay, ASP.Net MVC, J2EE, Lucene.Net, OpenGL, jQuery, AngularJS, Bootstrap, Office Programming, Aspose.Cells, Dojo, Blackberry security SDK
  - **Language:** Objective C, Java, C#, JavaScript, C++, Php, Python, SQL, CSS, Html
  - **Data Science:** Python, R, SAS, Apache Solr™, amCharts, SAS Enterprise Miner, Spark, scikit-learn
  - **IDE:** Visual Studio, Xcode, Eclipse, PyCharm, R studio, and etc.
  - **Tools:** git, JIRA, AWS, Azure, TFS, Bazaar, Unity3D

- Experience**
- Full Stack Software Engineer @ Echelon Consulting, L.L.C.** 5/2012 - now
- **Midtown.com** : Database design, ASP Web API backend implementation. Front-end backend using Drupal(php) and jQuery. Also, I implemented the Midtown sales Mobile app for IOS from backend to mobile-end using ASP.Net and Objective C.
  - **IMO Project:** Developed core financial web applications for global business using ASP.Net MVC, Dojo and Sql server.
  - **Sidley Mobile:** Implemented iOS and Android apps (front-end to back-end) for a large law firm.
  - **Atkearney.com:** Upgraded the company web site for a global management consulting firm using Liferay. Implementing and supporting the company internal HR web site using Spring and hibernate.
  - Location Tracking app for Atkearney: Android and IOS app with hybrid component using Cordova.
- Software developer internships @ Space to Play** 2/2012 - 4/2012
- Accomplished a 3Ds Max plug-in in C++, which facilitates editing and visualization of urban 3D building models from geo-spatial database (Post GIS).
- Graduate Assistant and Tech support @ CDM, DePaul University** 01/2011 - 03/2012
- Maintained and managed network, server and other equipment for labs.
  - Operated software deployment and testing for classes and events.
- Network Engineer @ China Tie Tong Equipment Center** 08/2007 – 03/2009
- Analyzed, and refined the central node of the company PSTN network.
  - Analytics tool development for a multiple million equipment upgrading project.

- Education**
- University of Chicago (Current Student)** From March, 2016-  
Master of Science in Analytics, Master Candidate  
Course work: Data Mining, Machine learning, Statistical Analysis, Time Series; **GPA=4.0**
- DePaul University** Graduation March, 2012  
Master of Science in Computer Game Development  
**GPA=3.98**
- Tianjin Normal University** Graduation July, 2007  
Bachelor of Engineering in Compute Engineering, emphasis on Information Engineering  
**GPA=3.42 First rank scholarship**