Mo Zhai

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I am an experienced software engineer with years of professional practice. My experience covers using .NET, Python, Swift, R, Objective-C, Java, 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 IT industry.

Skills

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

Working Experience

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. 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, DojoJs 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 HR and financial web site using Spring and hibernate.
- **Location Tracking app for Atkearney**: Android and IOS app with hybrid component using Cordova.
- **SPA visualization reporting dashboard**: .Net Web API, Kendo UI, SQL Server

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

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 - 03/2016 - now
Master of Science in Analytics - GPA:4.0
Course Work: **Data Mining**, **Machine learning**, **Statistical Analysis**, **Time Series**, etc.
DePaul University - 09/2009 - 03/2012
Master of Science in Computer Game Development - GPA:3.98
Graduation with distinction.