

Mo Zhai

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I am an experienced software engineer with years of professional practice. My experience covers using Swift, Python, .NET, 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

- **Athletic Club Website and Mobile App:** Database design, ASP Web API backend implementation. Front-end backend using Drupal (PHP) and jQuery. Implemented the sales Mobile app for IOS from backend to mobile-end using ASP.Net and Objective C.
- **Synergy Financial Project:** Developed core financial web applications for global business using ASP.Net MVC, Dojo JS and SQL Server.
- **Mobile Apps for a Global Law Firm:** Implemented iOS and Android apps (front-end to back-end).
- **Liferay Portal Site:** 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:** Android and IOS app with hybrid component using Cordova.
- **Visualization Price 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.