Mo Zhai

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Seeking employment in data science, data engineering, or computer science positions.
I have solid data analysis knowledge and years of professional practice in software engineering. My experience covers using Python, Swift, SQL, C#, R, and other languages on top of most popular frameworks. I am a hard worker with great learning skills. I have an enthusiastic heart for data science and IT industries.

Education

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

Skills

Data Science: Machine Learning, Database, Data Mining, Distributed Computing, Statistical Analysis
Programming Language: Python, Swift, SQL, C#, R, Objective-C, Java, C++, SAS, Scala, JavaScript, PHP
Frameworks: Spark, iOS, ASP.net, OpenGL, Android, React Native, Angular, scikit-learn, Solr, amCharts
Tools: R studio, git, Visual Studio, Azure, XCode, AWS, PyCharm, Eclipse, Jira, Unity3D, Enterprise Miner

Experience

Software Engineer @ Echelon Consulting, L.L.C. - 5/2012 - Now
- **Visualization Price Reporting dashboard for Analysis**: SQL Server, ASP Web API, Kendo UI,
- **Athletic Club Website and Mobile App:** Database design. ASP web API design and implementation. Drupal (PHP) and jQuery **frontend** implementation. Sales mobile app for **IOS** (front-end to back-end).
- **Synergy Financial Analysis Project:** Developed core financial web applications (with analysis and visualization competent) for a global business using ASP.Net MVC, Dojo JS and SQL Server.
- **Mobile Apps for a Global Law Firm**: Implemented **secured** iOS/Android apps (front-end to back-end).
- **Liferay Portal Site**: Upgraded the company website for a global management consulting firm using Liferay. Implementing and supporting the company HR and financial website (Java).
- **Location Tracking app**: Implemented tracking system with hybrid app (Cordova) component.

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 Mobile TieTong Equipment Center - 08/2007 – 03/2009
- Analyzed, and refined the central node of the company PSTN network.
- Analytics tools development for a multiple million equipment upgrading project.