Mo Zhai

Naperville IL 60540
Phone: (773) 678-3620
Web: www.zhaimobile.com
E-mail: zhai@uchicago.edu

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. I am authorized to work in the US for any employer.

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, Linear and Non-Linear Models, Time Series, Deep Learning and Image Recognition, Naturel Language Process

DePaul University - 09/2009 - 03/2012

Master of Science in Computer Game Development - GPA:3.98

Graduation with distinction.

Skills

Field & Practices: Machine Learning, Database, Data Mining, Distributed Computing, Statistical Analysis, Mobile development, Web development

Programming Language: Python, Swift, SQL, C#, R, Objective-C, Java, C++, SAS, CSS, JavaScript, PHP

Frameworks: Scikit-learn, Tensorflow, iOS, Spark, ASP.net, OpenGL, Android, Keras, React Native, Angular, Solr, Liferay, amCharts

Tools: Visual Studio, XCode, R studio, git, Azure, AWS, PyCharm, Eclipse, Jira, Unity3D, Enterprise Miner

Experience

Data Science Instructor @ Coding Temple

- Teaching Python and Machine Learning

Software Engineer @ Echelon Consulting, L.L.C.

- *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

- Accomplished a 3Ds Max plug-in in C++, which facilitates editing and visualization of urban 3D models.

Graduate Assistant and Tech support @ CDM, DePaul University

Network Engineer @ China Mobile TieTong Equipment Center at Beijing

- Analyzed, and refined the central node of the company PSTN network.
- Analytics tools development for a multiple million equipment upgrading project.