



YING ZHOU

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OBJECTIVE

Over 18 years IT experience in application development and system support using Java, Python, JavaScripts, C++, and Oracle database. Hands-on experience in developing trading and financial applications using OOD/OOP in server environment, bottom line responsibility, project lead & team player, strong problem solving skills.

SKILLS

Java, Python, C++, JavaScripts, node, jQuery, HTML5, CSS, MVC, Oracle, SQL, PL/SQL, Unix/Linux, Git, Eclipse, XML, JSON, control-M, shell scripts.

EXPERIENCE

SR SOFTWARE ENGINEER • CBOE GLOBAL MARKETS • JUN 2001 – PRESENT

CTMr-Developed and implemented CTMr (CBOE Trade Match Re) system, which is designed by Java full life cycle and running on Linux platform with Oracle database. CTMr is a real time clearing system to report matched trade information to OCC via MQ series. It generates mini pass reports and loads reports to report2Web system. It supports a web base CTMi GUI which is a post-trade application allowed firms query, update, allocation their own trades. By end of day, CTMr provides daily and history data to Data Ware house. Control-M is used to start and stop jobs in schedule.

CMi2 (CAS API version 2)-Developed an integration testing tool called Replay simulator. The data is fetched from database followed by a timing sequence and sent back to front end to recreate any possible problems in house. The testing tool is widely used by system developers.

PAR server, Vector, SEMS, COPP.

ENGINEER • OPEN PORT TECHNOLOGY • 1999 – 2001

Internet Gateway API is "fax client/voice mail" product foundation library using C++. Its billing system is developed with a class named "billing". The library contains connection class for login, logout, and writing log file to the server. The system use Cron jobs to maintain database.

EDUCATION

Master of Computer Science, 1999, Loyola University at Chicago;

Bachelor degree in Electrical Engineering;

Post-graduation classes:

Data Science with Python programming at DePaul University, 2019;

Full Stack Coding Boot camp at Northwestern University, 2019;

<https://yzhouy Zhou.github.io/Bootstrap-Portfolio/games.html>



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