

DACHI XU

243 S Wabash Ave | dachi.xu@gmail.com | 312-395-0482 | dachicj.com

EXPERIENCE | Deutsche Boerse System, Customer Support Dept., Web Develop Intern

2015. APR – PRESENT

- Developed the enterprise private cloud management web application
- Designed and implemented the front-end/UI for the web application
- Developed the server side of the web app using Python and Django.

DePaul University Library Research Assistant

2014. SEP – 2014. OCT

- Conducted user interaction statistic monitoring and research on a daily basis.
- Conducted 5+ in-person interviews per day with the library visitors and wayfinding screen users.

CME Group, Clearing House, Quantitative Risk Consultant

2012. JUN TO 2013. DEC

- Monitored CME Clients billions-level guaranty fund and reported to senior management before 9:30 every morning.
- Validated CME OTC interest rate swap margin model and conducted back-test on a weekly basis.
- Performed stress test on CME Group client's portfolio and reported to default management managers.
- Accomplished quantitative risk model research on interest rate derivatives including interest rate swap, U.S treasury futures and etc.

PROJECTS |

- Github Repository: <http://github.com/DachiCoding>
- Personal Website: <http://dachicj.com/>
- Tic Tac Toe A.I.: <http://dachicoding.github.io/tictactoe/>
- Video Monitor Robot: https://github.com/DachiCoding/video_monitor_robot

EDUCATION |

DEPAUL UNIVERSITY, CHICAGO, IL

CANDIDATE FOR MASTER OF SCIENCE IN COMPUTER SCIENCE

GPA 4.00/4.00: Discrete Mathematics, Computer System, Data Structure and Algorithm

ILLINOIS INSTITUTE OF TECHNOLOGY, CHICAGO, IL

MASTER OF SCIENCE IN FINANCE

GPA 3.63/4.00: Financial Engineering, Derivatives Modeling, Quantitative Investment

CAPITAL UNIVERSITY OF ECONOMICS AND BUSINESS, BEIJING, CHINA

BACHELOR FOR ECONOMICS (INTERNATIONAL ECONOMICS AND TRADE)

GPA 3.50/4.00: Calculus, Linear Algebra, Statistics, Micro & Macro Economics

SKILLS & ABILITIES |

- Programming Language: C / Java / Python / JavaScript
- Web Development: HTML / CSS / JavaScript / Django
- Other Skills: Git / Vim / Linux