

EDUCATION

College of Computing and Digital Media, DePaul University Chicago, IL Fall 2016 – present

Cumulative GPA: 3.957/4.0

MS Candidate of Science in Computer Science.

CORE COMPETENCIES

- **ETL:** Able to crawl, clean and format data from open resource, store and extract data using database.
- **Modeling:** Able to leverage proper statistic models and machine learning algorithms on specific data mining project.
- **Visualization:** Able to create graphs supporting statistical analysis by using proper visualization tools and give customer or manager recommendation for future decision.

TECHNICAL SKILLS & CERTIFICATES

- **Language:** Java, Python, PL/SQL, JavaScript, HTML5, CSS3
- **Database:** ORACLE 11g, MySQL, PostgreSQL, MongoDB, Neo4j.
- **System:** LINUX
- **Application:** SAS, SPSS, R, Gephi, WordPress.
- **Certification:** Oracle Database 11g: SQL Fundamentals I; Oracle PL/SQL Developer Certified Associate.

RELEVANT EXPERIENCE

Expedia Hotel Booking Prediction

- Dealt with 4GB uncleaned multi-dimension dataset coming from Kaggle competition.
- Reduced data dimensions from 54 to 10 by leveraging PCA, CFA and MDS techniques.
- Generated a model that has accuracy up to 76% on test set by applying LDA functions in R.

Mining Movie Website

- Parsed and crawled data from target XML labels using XPath and CSS selector
- Built Scrapy and BeautifulSoup (bs4) crawling frame
- Store the data to MySQL database for future usage and write out daily movie-information report

Library membership, checking and research database design.

- Designed schemas with no redundancy and anomalies following normalization and integrity steps and Bulk-Load data into oracle database.
- Built log-in, log-off, lock & unlock and password matching, modifying system.
- Coded and decoded sensitive personal information using Oracle PL/SQL programming.
- Debug potential SQL injection issue by using Dynamic SQL

WORK EXPERIENCE

Bank of Communication, Xinjiang, China**January 2013- June 2014***Department of International Service, Manager Assistant.*

- Sent and received SWIFT messages from collecting and paying bank and maintained Responsibility for the international remittance service.
- Collected remittance information following the requirements and report to SAFE(State Foreign Exchange Administration).
- Verified trade information of trade financing tools including Letter of Credit, Factoring and Collecting with the help of manager.