

Zirui (Adrian) Zhong

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SUMMARY

- Result-driven graduate student with extensive analytical skills and strong passion in Data Analytics
- Analytical Skills: Statistical Analysis, Optimization, Decision Modeling, Machine Learning, Data Visualization
- Computer Skills: R, Python SQL, Java, Excel

EDUCATION

University of California, Berkeley

Berkeley, CA

Master of Engineering in Industrial Engineering & Operations Research (GPA: 3.86)

May 2016 (Expected)

- Emphasis in Computational Analytics

Beijing Institute of Technology

Beijing, China

Bachelor of Engineering in Vehicle Engineering (GPA: 3.82 (Top 2%))

Jun 2015

University of California, Berkeley

Berkeley, CA

Exchange Student (GPA: 4.00)

Aug 2014 – May 2015

WORK EXPERIENCE

Prosper Marketplace

Berkeley, CA

Data Analyst

Sep 2015 – May 2016 (Expected)

- Built uplift models that select customers who will make a loan from Prosper Marketplace if and only if he/she is called by Prosper calling center in order to increase profit and market share
- Implemented correlation analysis, cross-validation to select important features from more than 500 variables and interpret how those variables affect the result in business sense

General Electric Healthcare

Beijing, China

Operations Management Leadership Program Intern

Jul 2014 – Aug 2014

- Proposed a scoring model to assess the operational risks and flexibility of a production management system, using the multi-skill worker ratio methodology
- In three weeks, defined and led the project to implement the new metric system, which provided visibility to potential operational risk areas and further drove corrective actions
- Managed ongoing improvement plans and improved a key evaluation metric by 4.6% during the internship

SINOPEC Limited

Beijing, China

IT Consulting Intern

Jan 2014 – Feb 2014

- Scoped out an IT implementation project for developing SINOPEC's Sales ERP system, which was used for investment approval management, gas station costing, and Sales performance tracking etc.
- Collected critical business requirements and feasibility assessments from senior management and end users.
- Visualized and documented over ten workflows for a variety of system modules

DATA ANALYSIS PROJECT EXPERIENCE

Text Mining Project for State of the Union Speeches (1790 ~ 2012)

Berkeley, CA

- Manipulated the original speech text, performed necessary data cleansing and converted the data into rationalized tables in the R environment
- Calculated a document distance matrix among all presidents and visualized document distance using multidimensional scaling and hierarchical clustering

Machine Learning Project for Yelp Map

Berkeley, CA

- Implemented k-means algorithm to group several restaurants in the Berkeley area using Yelp Academic Dataset
- Predicted restaurant ratings by analyzing user preferences and implementing least squares linear regression

LEADERSHIP

Cohort Representative, Department of Vehicle Engineering

Beijing, Sep 2011 – Mar 2014

- Provided comprehensive and helpful academic, administrative help to the student in the Department.
- Organized extracurricular activities to enrich students' college life including sports, volunteer, gala, etc.
- Awarded EDIFIER Scholarship for Excellent Social Volunteer & Leadership in Dec 2013