

# BOHENG LIN

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168 Winthrop Street, Medford, MA 02155

## EDUCATION

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### **Tufts University**

M.S. Data Analytics

May 2021

- Recipient of Data Analytics Scholarship 2019

### **University of Massachusetts Amherst, USA**

B.S. Resource Economics

August 2019

- Recipient of Chancellor's Scholarship 2017 and Faculty Award for Academic Excellence Scholarship 2019;
- Current Cumulative GPA 3.9, Dean's List every term;
- Obtained degree in two years;
- Outstanding Academic Achievement by the Honour Society of Phi Kappa Phi 2018.

### **Anglo Chinese Junior College, Singapore**

Singapore-Cambridge GCE A Level Certificate

December 2016

- Graduated in top 10% of the class, with 5 distinctions in Singapore-Cambridge GCE A Level 2016;
- Scholastic Merit Award.

## EXPERIENCE

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### **Carmichael Dining Center, Tufts University, Medford**

September 2019 – Present

Student Manager

- Assisted in various dining units in providing quality services, able to multitask under stress and fast pace working environment;
- Supervised and effectively communicated with all student workers complete assigned tasks timely;
- Bridged between the management team and student workers to achieve operational and customer service objectives.

### **Shenzhen Small & Medium Enterprise Credit Financing Guarantee Group Co. Ltd**

May 2019 – Aug 2019

Shenzhen, China

Assistant to Manager Intern

- Compiled and analysed the Group's internal data including guarantee amounts, mortgages and projects completion statues, and reported relevant findings to respective managers;
- Processed projects data including data gathering, data cleaning and cross validation for '2019 SME integrity list';
- Independently reviewed and analysed SMEs' balance sheets and profit and loss statements;
- Collaborated with legal department and finance department of the Group on several projects and new mortgages.

### **Isenberg School of Management**

September 2018 – December 2018

Massachusetts Small Business Development Center, Springfield

Business Consultant Intern

- Conducted market research and reviewed business plans for clients;
- Prepared and analysed financial projects for clients including, profit and loss and balance sheets;
- Met with clients to advise them on both marketing strategies and financial cash flows.

### **University of Massachusetts Amherst Dinning Hall, Amherst**

September 2017 – May 2019

Student Worker

- Prepared ingredients, made sushi and deli sandwiches and served food, able to complete given tasks independently.

### **Din Tai Fung (Tampines Mall), Singapore**

June 2015-February 2016

Waiter

- Provided quality service under fast pace environment, able to multi-task under pressure.

### **Buddhist Compassion Relief Tzu Chi Foundation, Singapore**

March 2014 – May 2016

Member Volunteer

- Actively engaged in monthly community recycling and campaigning, carried out activities at a care home.

### **Berries World School of Learning (TPCL) Pte Ltd, Singapore**

March 2014 – December 2015

Teaching Assistant

- Assisted six teachers in the conduction of lessons from primary one to three, smoothly worked with teachers with different teaching styles.

## SKILLS

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- Microsoft Word, Excel, PowerPoint, Access & SQL, SAS, Python, R programming language, Tableau.
- Quantitative and data analysis, Web scraping, Economics and Finance.
- Bilingual in Chinese Mandarin and English, Event Planning and Execution.

## PROJECTS

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### **Boston Monthly Utility Analysis (Python)**

- Used pandas and matplotlib.pyplot to analyse all utility accounts in Boston with more than 300 thousands monthly entries.

## **Exploring the Representativeness of Batting Average on Major League Baseball Players' Performances (Python)**

- Used pandas, re, requests, and bs4 (BeautifulSoup) to perform web scraping, extracting MLB players' scores with about 350 entries;
- Used sklearn and pandas to perform ridge regressions, linear regressions, supervised machine learning and principal components analysis to assess the representativeness of the batting average score on MLB players' performance.

## **CT Level Analysis on Gun Violence And the Demographics in Boston, Massachusetts (R Language)**

- Used dplyr, clusteval, rgdal to perform supervised learning, K-Means clustering and linear regression on data set with 1400 entries;
- Used rgeoda, sf, geosphere and GeoDa to perform geospatial clustering on 1400 entries of data
- Conducted quantitative and qualitative analysis on gun violence and the demographics in Boston from 2010 through 2018

## **ACTIVITIES**

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### **University of Massachusetts Amherst**

The Honour Society of Phi Kappa Phi member

**March 2019 – March 2020**

International Student Ambassador

**December 2017 – December 2018**

- Coordinated information sharing and outreach for potential applicants from Singapore and China.

Chinese Music Association

**September 2017 – May 2019**

- Treasure and Signature Responsibility Officer, responsible for budgeting and fundraising for the group.

### **Anglo Chinese Junior College**

Competitive Swimming Team

**January 2015- December 2016**

- Boys' Team Captain. Finalist in the 57th National Schools Swimming Championship (Singapore)