

# BOHENG LIN

<https://bohengl.in.github.io> Boheng0507@gmail.com (781) 827-9608 168 Winthrop Street, Medford, MA 02155

**Motivated data analyst seeking internship in Summer 2020.**

## SKILLS

- **Databases:** Access & SQL, data engineering
- **Programming Languages:** SAS, Python, R, HTML
- **Visualization:** Tableau
- **Analytics:** Unsupervised (clustering) and supervised (regression) machine learning. Statistics, Web scraping, GIS, background in economics and finance.
- **Communication:** Bilingual in Chinese Mandarin and English, event planning and execution.

## EDUCATION

### 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.

## PROJECTS

### Boston Monthly Utility Analysis (Python)

- Used pandas and matplotlib to analyse all utility accounts in Boston with more than 300 thousand 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 link

## EXPERIENCE

### 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 Shenzhen, China

May 2019 – Aug 2019

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.

**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)