

zackL@bu.edu

www.linkedin.com/in/zack-zhang

zackLight.com

# YI (ZACK) ZHANG

617-312-1318

448 Park Dr. #17, Boston, MA

<https://github.com/Zackhardtoname>

## EDUCATION

**Boston University**, Boston, MA

May 2021

*Cumulative GPA:*

**4.0**

*BA, Mathematics and Computer Science*

*BSc, Business Administration*

*Activities:* BU Machine Intelligence Community, Open Web, LOCK Honor Society

## WORK EXPERIENCES

**China Minsheng Banking Corp.ltd**, Beijing, China

June 2018 - August 2018

*Robo-Advising Team Intern*

- Engineered a program to rank, classify, and summarize news to publish on WeChat using modified TF-IDF and MMR algorithms (processing 33,582 word/s on avg., 5 people's daily workload)
- Built a context-aware chatbot with neo4j knowledge graph and machine learning to converse with potential security buyers in natural language to increase efficiency for 200+ employees
- Developed deep learning models trained from 500K+ news articles for sentiment analysis
- Devised algorithmic trading strategies based on statistical analysis of stock market data
- Scripted with regex to structure non-standard financial documents to access risks and profit margins
- Tracked strategies' results and contributed content for research reports published on WeChat

**Asian American Business Development Center**, New York, NY | <http://aabdc.com>

May 2017 - June 2017

*Project Assistant*

- Conducted 6 niche market research reports to evaluate expansion or entrance potential for investors
- Completed 2 projects including an Excel database of Fortune 500 CEOs and chairmen's contact information to find sponsors and guest speakers for the gala
- Managed logistics of the *Outstanding 50 Asian Americans in Business* award gala with 800 attendees

## LEADERSHIPS | ACTIVITIES

**BU Finance and Investment Club**, Boston University

*Summer Senior Analyst, TMT sector*

May 2018 – September 2018

- Evaluated cloud data storage and cybersecurity companies using comparative analysis, SWOT, and Porter's Five Forces, to pitch investment potentials for real fund

*Junior Analyst, financials sector*

September 2017 - April 2018

- Conducted comparative analysis of and pitched a sub-prime online lending company, which outperformed benchmark (Russell 2000) by over 50% in the 4 months after pitching
- Awarded Best Sector Presentation twice in 2017 and 2018

**Rubik's Cube Club**, Wooster School

March 2016 - June 2016

*Founder, President*

- Increased membership from 3 to 20 members via public speeches and networking
- Taught basic and advanced CFOP methods of solving cubes at weekly meetings
- Organized competitions between members to solve puzzles as fast as possible

## SKILLS

**Programming Languages:** Python, JavaScript, C, Java, R, SQL

**Frameworks/Libraries:** Rasa, Neo4j, React, ECharts, Flask, Bootstrap

**Skills:** Machine learning, NLP, task automation (web crawling), Inbound Marketing Certificate

**Software:** Access, Excel, Photoshop