

LAN ZHANG

18 Helena Drive, Chappaqua, NY • lan_zhang@college.harvard.edu • (914)-215-0725

Education

HARVARD UNIVERSITY

B.A. Applied Mathematics in Computer Science, Minor Economics. GPA 3.88/4.00.

Cambridge, MA

Expected May 2021

Relevant Coursework: Introduction to Computer Science, Abstraction & Design in Computation, Data Science, Statistical Inference, Statistical Probability, Introduction to Theoretical Computer Science, Linear Algebra & Differential Equations.

Experience

UNITED STATES CENSUS BUREAU

Software Engineering Intern | 2019 Civic Digital Fellow

Washington, D.C.

June 2019 – August 2019

- Implemented segment of a machine learning pipeline that uses public data to automate the industry classification code assignment process for 5.9 million U.S. business establishments
- Conducted analysis and visualization of Economic Census response rates and data quality – identified areas for potential savings and formulated methods to apply ML technology to Census surveys in production
- Invited to present findings to U.S. Census Bureau executive staff, including Deputy Director & COO Ron Jarmin, and to an audience of 300 consisting of leaders in the civic technology space
- Contributed to projected savings of \$1.2 million

E FUND MANAGEMENT

Data Analyst Intern

Guangzhou, China

June 2018 – August 2018

- Built 5+ web crawlers in Python to scrape data on U.S. higher education statistics
- Analyzed collected data in Python and R, authored and presented reports summarizing findings

UNIVERSITY OF PITTSBURGH

Research Intern | Laboratory for Computational Neuroscience

Pittsburgh, PA

February 2014 - June 2017

- Conducted applied neuroscience and human-machine interaction research under Prof. Zhi-Hong Mao
- First-author of paper "Internet of Brain: Decoding Human Intention and Coupling EEG Signals with Internet Services", published by IEEE in the 2016 9th International Conference on Service Science, pp. 172-179

Leadership & Activities

HARVARD PROJECT FOR ASIAN AND INTERNATIONAL RELATIONS (HPAIR)

Executive Director, 2020 HPAIR Asia Conference

Cambridge, MA

September 2017 – Present

- Oversee multi-national team of 65 to curate academic content, negotiate sponsorships, and coordinate logistics for the 2020 HPAIR Asia Conference
- Managed event, venue, and staffing logistics for the 2019 HPAIR Asia Conference in Nur-Sultan, Kazakhstan (5 days, 300+ delegates)
- Designed track vision, panels, and seminars; secured 12 speakers for inaugural "Art, Media, and Culture" track at the 2018 HPAIR Asia Conference in Kuala Lumpur, Malaysia (5 days, 500+ delegates)

THE HARVARD CRIMSON BUSINESS BOARD

Strategy Associate

Cambridge, MA

September 2018 – August 2019

- Managed client relations and operations of contract printing business with revenue stream of \$80k

Skills

Full Stack Development: Python, OCaml, C, HTML / CSS, JavaScript, Flask

Data Analysis: Python, R, SQLite

Design / UX: Adobe Illustrator and InDesign, Figma

Language: Fluent Mandarin Chinese