

SHAUN ZHENG

Philadelphia, PA 19104 | (267) 324-1399 | zhxiong@upenn.edu | shaunzhxiong.github.io/portfolio/

EDUCATION

UNIVERSITY OF PENNSYLVANIA

Master of Urban Spatial Analytics – GPA: 3.94/4

Philadelphia

2021 - Present

- Courses: Public Policy Analytics, Spatial Statistics & Data Analysis, Geospatial Data Science, Java Script Programming

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Certificate of Finance

Online

2021 - Present

- Courses: Foundations of Modern Finance, and Financial Accounting

TONGJI UNIVERSITY

B.S. Environmental Design – GPA: 3.86/4

Shanghai

2017 - 2021

- Courses: Arduino coding, urban planning, urbanization, district analysis, design intervention and its analyses

PROJECTS

HOME PRICE PREDICTION FOR BOULDER COUNTY

- Collected and selected 35 features relevant to home price in three aspects: Internal and External Features, and Amenities
- Applied transformations on the features to make it describe home price better
- Considered spatial effects and used HLM (Hierarchical linear model) for machine learning

COST BENEFIT OPTIMIZATION FOR HOME REPAIR TAX CREDIT PROGRAM

- Analyzed and explored existing consumer data and their historical decisions
- Engineered predictive features, applied logit regression, and tested prediction accuracy (ROC, Sensitivity, and Specificity)
- Constructed cost benefit analysis model and defined optimal threshold for model

DELAY PREDICTION FOR NJ TRANSIT

- Decided use case and model function; and explored data on time, line, and space aspects
- Constructed time lag indicators and applied temporal, and spatial clustering effect on the regression model
- Compared different prediction models and used segmentation models to improve prediction effect

WORK & EXTRA-CURRICULAR EXPERIENCE

JONES LANG LASALLE INC. - A world leader in real estate services

Shanghai

Real Estate Consultant Intern

Feb. 2021 – Jul. 2021

- Wrote 5+ internal reports covering topics like Chinese REITs Policies, cold chain, and medicine logistics policies
- Produced 10+ specific property consulting reports and city consulting reports in Yangtze River Delta Mega-City Region for Top500 company clients from FMCG, Medicine, Food, Chemical, and Automotive Manufacturing industries

CREATER.CO - A leading developer in Shanghai real estate market

Shanghai

Strategy and Project Management Intern

Apr. 2019 – Dec. 2019

- Conducted three urban renovation projects with citizens, designers, and artists around the world
- Proposed strategies for four urban renewal projects and put into practices

UPENN WEITZMAN SCHOOL REAL ESTATE CLUB (WSREC)

Philadelphia

Professional Board Director

Oct. 2021 – Present

STUDENT UNION OF TONGJI UNIVERSITY

Shanghai

Vice Chair of Public Relationship Committee

Sept. 2015 – May. 2017

SKILLS

- **Data Wrangling & Visualization:** R, Python, JavaScript, SQL, HTML
- **Spatial Analytics:** ArcGIS, Image Analysis, Machine Learning
- **Design:** Photoshop, Illustrator, InDesign, Adobe Effects, SketchUp, AutoCAD
- **Interests:** Urban Research, Real Estate Development, Photography, Electric Guitar
- **Languages:** English, Cantonese, Mandarin