

Eugene (Yen-Lin) Huang

DATA SCIENTIST

EXPERIENCE

Graduate Teaching Assistant/Lecturer | Georgia State University

AUG 2019 - MAY 2022, ATLANTA, GA, USA

- Demonstrated good communication skills by winning the GTA teaching excellence award
- Delivered lecture and maintained good teaching evaluation scores
- Designed quizzes and in-class activities to improve student learning experience

Graduate Research Assistant | Georgia State University

JAN 2016 - MAY 2019, ATLANTA, GA, USA

- Facilitated research projects by manually collecting required data
- Expedited research projects with data cleaning and variable calculations
- Performed statistical analysis and helped analyzing the problems

EDUCATION

BrainStation | Diploma Candidate, Data Science

JULY 2022 - SEP 2022, TORONTO, ON

Georgia State University | PhD in Finance

AUG 2016 - AUG 2022, ATLANTA, GA, USA

- GTA teaching excellence award
- RBC research scholarship
- Planas Family scholarship

National Taiwan University| Master in Business Administration

SEP 2012 - JUN 2014, TAIPEI, TAIWAN

National Taiwan University | B.A. in Finance

SEP 2008 - JUN 2012, TAIPEI, TAIWAN

PROJECTS

NLP Project on Predicting Covid News Sentiment

SEP 2022

- Use machine learning models to predict Covid news sentiment
- Use different NLP embedding/vectorization, including CountVectorizer, TF-IDF, and Word2Vec
- Use Neural network to train my own version of Word2Vec embedding

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SKILLS

Software: SQL, Tableau, STATA, Excel, Python (NumPy, Pandas, Matplotlib, Pyplot, Stats, Seaborn, Sklearn, Pytorch)

Analysis Skills: A/B Testing, ANOVA, Hypothesis Testing, Regressions (OLS, Logistic, Probit), Natural Experiments, Non-Parametric Tests, ML Modeling(KNN, Decision, Tree, SVM, Neural Network), NLP Analysis

Others: Big data processing(AWS, PySpark, Hadoop)

PROFILE

I completed my PhD in Finance and have experience working with datasets and publicly available data. My dissertation analyzes financial institution holding data and explores how institutional holdings affect innovation decisions of the firms related to their portfolios. I am familiar with statistical theories and approaches and am very experienced in drawing insights from numerical data.

I am passionate about using my data skills to help people make more informed decisions and make a difference to the world. A role that involves advanced data analysis and modeling would be a good fit for me.