

Tyler Kim

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(702)-358-1238

EDUCATION

- Massachusetts Institute of Technology, MIT | Cambridge, MA** Class of 2025
Candidate for M.Eng. in Computer Science, Economics, and Data Science
 - Relevant coursework: Deep Learning, Introduction to Inference, Statistics, Computation, and Applications, Matrix Methods in Data Analysis, Estimation and Inference for Linear Models, Statistical Methods in Economics
- Massachusetts Institute of Technology, MIT | Cambridge, MA** Class of 2023
Candidate for B.S. in Computer Science, Economics, and Data Science (GPA: 4.8/5)
- West Career and Technical Academy | Las Vegas, Nevada** Class of 2019
High School Diploma (GPA: 4.78/4.8)
 - Achievements: AP Scholar with Distinction, National Merit Scholar, Math Honor Society Founder

EXPERIENCE

- Environmental Solutions Initiative, Massachusetts Institute of Technology** **Cambridge, MA**
Research Assistant Aug 2023 - Present
 - Fine-tuned RoBERTA classifier to perform inference on Crunchbase startup data, using HuggingFace library
 - Used kNN to generate clusters of companies to provide MIT DesignX startups with insight into their competition
 - Researching current literature across entrepreneurship, machine learning, and language models
- Kim Consulting, Data Science** **Huntington Beach, CA**
Self-Employed Aug 2022 - Present
 - Sourcing and negotiating data science consulting opportunities for myself, completed alongside of my studies.
 - Marketing: Engineered novel marketing approach using U.S. Census SOI data to identify high-income ZIP codes.
 - Data Engineering: Aggregated data from SaaS providers to develop internal database for hospitality company
- Meta** **Menlo Park, CA**
Data Engineering Intern May 2022-Aug. 2022
 - Efficiently managed terabyte-scale data by leveraging partitions and optimal SQL logic in data pipelines.
 - Developed an automated framework for monitoring A/B test experiments, reduced missing data by 43x.
 - Designed the sole experiment data dashboard for a cross-functional experiments team, prioritizing user feedback

EXTRACURRICULAR

- Lab Assistant for 6.390 (6.036) | Cambridge, MA** Feb. 2023 - Present
 - Staff member for 6.390 (Introduction to Machine Learning). Responsibilities include weekly staff meetings, running office hours, testing course material, monitoring online question forums, and more.
- Citadel Boston Datathon | Cambridge, MA** Apr. 2022
- MIT Sloan School of Management Hackathon | Cambridge, MA** Apr. 2022
- Student Grader | Cambridge, MA** Aug. 2021 - Present
 - Grader for 6.042 (Mathematics for Computer Science) and 14.02 (Principles of Macroeconomics)
- MIT Undergraduate Economics Association | Cambridge, MA** Aug. 2019 - Present
 - Provided mentorship in academics and professional development to students in the Economics department

SKILLS/TECH

- Data Science, Machine Learning, Language Models, Deep Learning, Statistics, Writing, Research
- Python, PyTorch, HuggingFace, SQL, R, Apache Airflow, Stata, bash, EconML, PowerBI