

Current Address
63 Burbank Street
Boston, MA 02115

Tyler Kim
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Home Address
8921 Windsor Locks Ave
Las Vegas, NV 89134

EDUCATION

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- Massachusetts Institute of Technology, MIT | Cambridge, MA** Class of 2025
Candidate for M.S. in Computer Science, Economics, and Data Science
• Relevant coursework: 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)
• Relevant coursework: Design and Analysis of Algorithms, Economics Classics, Machine Learning, Econometrics, Linear Algebra, "Money, Credit, and Financial Crises", Rhetoric, Economics and E-commerce, Organizational Economics
- 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

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- Environmental Solutions Initiative, Massachusetts Institute of Technology** **Cambridge, MA**
Research Assistant Aug 2023 - Present
• Fine-tuning Large Language Models for feature engineering on startup data, supervised by Prof. John Fernandez
• Developing presentations to effectively communicate research goals and plans to grant providers and supervisors
• Researching current literature across entrepreneurship, computer science, and natural language processing
- Verijet** **Miami, FL**
Data Science Consultant Aug 2022 - Aug. 2023
• Engineered novel approach to marketing U.S. Census SOI data to identify high-income ZIP codes.
• Generated statistically significant decreases in advertising cost and improvements in engagement
• Developed dashboards to clearly communicate metric results for Google Ads and Google Analytics data
• Utilized Foursquare geolocation services to curate audiences for targeted advertising on Facebook Ads
- Meta** **Menlo Park, CA**
Data Engineering Intern May 2022-Aug. 2022
• Efficiently queried terabyte-scale data by leveraging partitions and optimal SQL logic
• Developed an automated framework for A/B testing, resulting in a 43x reduction of missing data
• Collaborated with engineers and data scientists to identify the most relevant metrics for display in a dashboard

EXTRACURRICULAR

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- 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

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- Data Science, Machine Learning, Writing, Economic Research, Remote Work
 - Python, Pandas, Apache Airflow, HTML/CSS, SQL, scikit-learn, PyTorch, Stata, bash, EconML, Looker Studio