Ming Senn Teo

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EDUCATION

University of California, Berkeley — **Berkeley, CA**
Bachelor of Arts in Data Science (Emphasis: Economics) | GPA: 3.56/4.00 — *May 2024*

Coursework: Principles and Techniques of Data Science, Data Structures and Algorithms, Data Engineering, Econometrics, Statistical Inference, Probability for Data Science, Microeconomics, Data Mining and Analytics

SKILLS

Technical: Python, SQL, Git, Bash, PostgreSQL, MongoDB, Jupyter Notebook (Anaconda), PyCharm, LaTeX, Power BI, Power Automate
Libraries: Pandas, NumPy, scikit-learn, Scipy, NLTK, Matplotlib, Seaborn, PyMongo, statsmodels, linearmodels

RECENT WORK EXPERIENCE

Springer Capital — **Chicago, IL**
Data & Automation Intern — *Jul 2024 - Jun 2025*
- Design and implement interactive Power BI dashboards on recruitment data and its workflows, improving efficiency and streamlining the recruitment process
- Develop, test, and deploy data autocollection stack to reduce manual data entry times from 20 minutes to <1 minute using Power Automate
- Analyzed recruitment data to identify root causes of significant deviations in application numbers and dropout rates for each position at various recruitment stages
- Collaborated with cross-functional teams to perform data validation by testing automated workflows and adjusting flow logic, ensuring data accuracy and reliability

UC Berkeley School of Public Health — **Berkeley, CA**
Data Analytics Research Assistant — *Sep 2023 - May 2024*
- Conducted research on the change in prices charged by healthcare providers once acquired by major health insurers, prompting California healthcare policy changes.
- Provided routine analysis reports pertaining to Hospital Price Transparency, Compliance, and Quality assessment metrics gleaned from federal and state healthcare datasets
- Analyzed mergers and acquisitions within the health insurance sector to quantify antitrust risks
- Developed, tested, and compiled 20+ SQL queries to reduce manual data querying for future research reproduction

UC Berkeley College of Computing, Data Science, and Society — **Berkeley, CA**
Academic Intern — *Jan 2023 - May 2023*
- Assisted in teaching weekly sections of 80 students about introductory data science concepts and essential programming skills
- Led small discussions for difficult topics such as regression, hypothesis testing, and probability to improve student understanding

PROJECTS

Data Science: Developed a traffic accident duration prediction model, spam email classifier, housing sales price predictor, Berkeley-based Yelp restaurant recommender
Research: Computationally reproduced a paper by Ted Miguel on non-economic factors in Mexico (converted from STATA to Python, selected as one of two out of 100 groups for best reproduction and additional discussions)