TRENT M. KAJIKAWA

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EDUCATION

University of Southern California   **Jan. 2020**
Admitted, Master of Science in Applied Data Science   **Los Angeles, CA**

Harvard University   **May 2017**
Master of Education, Higher Education   **Cambridge, MA**
- Doctoral-level courses in regression modeling, psychometrics, program evaluation, and cluster analysis

University of California, Los Angeles   **Jun. 2016**
Bachelor of Arts in Economics with Minor in Education Studies, cum laude   **Los Angeles, CA**
- Doctoral-level courses in higher education finance and higher education policy

PROFESSIONAL EXPERIENCE

Office of Institutional Research, University of Southern California   **Feb. 2019 – Present**
Senior Technical Project Leader   **Los Angeles, CA**
- Provides project management and consulting services in data analysis, reporting, and data visualization
    - Built logistic regression models in R to assist with financial aid and admission decision-making
    - Developed an IRT graded response model in R using admissions data
    - Analyzed trends in undergraduate persistence to predict future retention
    - Deployed an Apache Airflow (Python) instance to optimize data processing and management
- Implements, upgrades and supports analytics, security, and business intelligence solutions
    - Managed the development, testing, and production of Daily Enrollment reports for the University President, Provost, Deans, and Directors using Python, R, and SQL
- Contributes specialized research support in the management, coordination, scheduling, and delivery of complex research projects
    - Reviews and evaluates project progress and recommends specific actions

Consortium on Financing Higher Education, Massachusetts Institute of Technology   **Sept. 2016 – Feb. 2019**
Research and Data Systems Analyst   **Cambridge, MA**
- Developed and maintained research projects, primarily on undergraduates, admissions, financial aid, faculty demographics, surveys, and IPEDS data
    - Produced descriptive and inferential analyses, synthesize findings in numeric, graphical and written reports using STATA and Tableau
- Presented research briefs to university CFOs, provosts, deans, and institutional research directors
- Warehoused, audited, and distributed data to an array of secure delivery platforms for authorized campus groups
    - Designed, implemented, and automated processes for transferring data from Oracle database (PL/SQL) to Microsoft SQL Server and Tableau Server
- Responded to ad hoc requests made by members of the Consortium and campus leaders
- Ability to manage confidential data collections and analysis

TECHNICAL SKILLS

- Advanced: Python, Tableau, STATA, SPSS, R, PL/SQL, TSQL, Apache Airflow, Microsoft Office Suite
- Proficient: Git, JavaScript, D3.js, Google Charts, Qualtrics, Bash, HTML/CSS

AWARDS & INTERESTS

- MIT Sloan School of Management *EdTech Datathon Most Novel Insights,* UCLA *Chancellor's Service Award*
- Volunteer with Minds Matter – Los Angeles Team Lead (2019-Present), Boston Mentor (2017-2019)