

# TRENT M. KAJIKAWA

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## EDUCATION

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**Harvard University** May 2017  
**Master of 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

**University of Southern California**  
**Deferred Admission, Master of Science in Applied Data Science** Los Angeles, CA

## PROFESSIONAL EXPERIENCE

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**Office of Institutional Research, University of Southern California** Feb. 2019 – Present  
**Senior Technical Project Leader** Los Angeles, CA

- Spearhead education policy and program evaluation studies related to undergraduate students
  - Launched a regression discontinuity design (RDD) study on the effects of academic probation
  - Initiated a grade inflation study using the Graded Response Model to estimate course rigor
  - Built an undergraduate enrollment prediction model for the Provost's office and central administration
  - Analyzed trends in major migration and graduation rates for WASC
- Provides project management and consulting services in data analysis, reporting, and data visualization
  - 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

**Consortium on Financing Higher Education, Massachusetts Institute of Technology** Sept. 2016 – Feb. 2019  
**Research and Data Systems Analyst, Previous Intern** 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

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- 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

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- NCES Data Institute Participant: Using Federal Datasets to Support Research on Postsecondary Education (2020)
- MIT Sloan School of Management EdTech Datathon *Most Novel Insights* (2017)
- UCLA *Chancellor's Service Award* (2016)
- Volunteer with Minds Matter – Los Angeles Team Lead (2019-Present), Boston Mentor (2017-2019)