YUKI URATA

yukiurt@g.ucla.edu +1(949)279-1052

EDUCATION

University of California, Los Angeles
Master of Applied Statistics and Data Science   *Graduating in June 2025*
Areas of Focus: Advanced Statistical Methods, Data Visualisation and Interpretation, Machine Learning

Keio University, Tokyo, Japan
Bachelor of Engineering   *Graduated in March 2023*
Department of Industrial and Systems Engineering
Studied Applied Statistics; Experimental Design, Operations Research, AI programming
- Thesis: "Discussion on the Comparative Analysis of Educational Effects Amongst Teachers in Schools"
  Constructed statistical model using data at schools to evaluate teachers using causal inference

SKILLS

Programming Languages
- Python, R, SQL, HTML, VBA, Tableau, AWS

Statistical Analysis and Data Science
- Strong understanding of statistical methods and techniques for data analysis
- Data Visualisation, Machine Learning, Data Mining and Extraction, Causal Inference

Teamwork Experience
- Tennis Club Captain, Volunteer activity in Nepal, Director of a junior high school reunion party and more
- Collaborated effectively with interdisciplinary, international teams to achieve goals

INDUSTRY EXPERIENCE

Deloitte Tohmatsu Consulting Japan
Intern, Tokyo, Japan   September 2021
- Helped IT consultants by attending interviews to tackle cyber security problems; contributed to clarifying security issues
- Gained insight into the complexities of gathering essential information and effectively communicating ideas to individuals with limited technical knowledge

Kawaijuku
Programming Leader, Tokyo, Japan   May 2019 – September 2023
- Worked as programmer at Japanese cram school; constructed systems to optimize office work using Python, HTML, and VBA; increased productivity by automating task that took two weeks to only seconds; wrote manual and constructed course for workers without experience in programming to edit and write programme codes
- Helped school shift to online classes during pandemic

PROJECT WORK (SELECTED)

Data Analysis, UCLA MASDS   October 2023 – December 2023
- Analysis of Ten-Minute EMS Trauma Scene Time
- Analyzed Emergency Medical Service (EMS) Data to distinguish reasons that effect scene time after ambulance arrives and leaves with patient, and whether some interactions positively affected in decreasing scene time.
- Analyzed by using Logistic Regression on R, Received highest grade from Evaluators

Conference Presentation, Keio University   October 2023
- Presented at Asian Network for Quality (ANQ), Vietnam
- Presented Undergrad Thesis, "Discussion on the Comparative Analysis of Educational Effects Amongst Teachers in Schools".
- Currently under Review for Journal "Total Quality Science"

ADDITIONAL

- Extensive international experience, including 6.5 years in Singapore, 3 years in Bangalore, India, 3 years in Stuttgart and Dusseldorf, Germany
- Spent most time in international schools, received International Baccalaureate Diploma
- Play soccer and tennis
- Avid movie watcher, especially old horror films when technology limited