

# Yuge Song

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## EDUCATION

### University of California, Los Angeles

*Bachelor of Science in Statistics and Data Science*

Los Angeles, CA

Sept 2022 - Expected June 2024

*Minor in Anthropology*

**Cumulative GPA: 3.65**

**Relevant Coursework:** Introduction to Computational Statistics with R, Introduction to Digital Humanities, Design and Analysis of Experiment, Monte Carlo Method, Introduction to Statistical Models and Data Mining, Introduction to Computation and Optimization for Statistics, Practice of Statistical Consulting.

### Foothill College

Los Altos, CA

**Relevant Coursework:** Introduction to Java, Introduction to C++, Multivariable Calculus

Sept 2020 - June 2022

## PERSONAL EXPERIENCE

### Capital University of Economics and Business, Population and Economic Research Center

Beijing, China/Remote

*Research Assistant*

March 2022 - Oct 2022

- Assisted Dr. Qi in her research on the Coupling and Coordination of Systems of Citizenization, Regional Economy, and Public Service in China from the Perspective of Sustainable Development. The research report was published on MDPI as an open access article.
- Helped the research team to collect a total of 150,000+ data and performed 10+ literature reviews independently.
- Applied entropy method and built up a coupling coordination model to process and analyze the data set.

### Foothill College International Student Programs Office

Los Altos, CA

*Administrative Assistant I*

Sept 2021 - June 2022

- Assisted the director of International Partner Relations to prepare partnership agreements and distribute marketing material.
- Input and updated a total of 300+ student and agent data into the school database.
- Designed posters for recruitment purposes using Pixelmator Pro and Procreate.

### ASFC Campus Council

Los Altos, CA

*Member of Finance Board*

Sept 2021 - June 2022

- Developed business and made partnership with the local government.
- Performed financial budgeting analysis bi-weekly
- Allocated a total funding of \$630,000+ for all student activities and programs.

## PROJECT EXPERIENCE

### Photography Data Analysis

Los Angeles, CA

*Introduction to Digital Humanities*

July 2023 – Sept 2023

- Cleaned 24,000+ data in an artwork collection from Carnegie Mellon Art Museum using OpenRefine.
- Built a website with the team and created Gantt charts, symbol maps, bar plots and pie charts using Tableau for data visualization to draw conclusion on the changes of photography during the past 150 years.

### Experiment Design and Analysis

Los Angeles, CA

*Introduction to Design and Analysis of Experiment*

July 2023 – Sept 2023

- Led a team of 4 to design an experiment based on a simulated island to investigate the relationship between different activities on the “inhabitants.”
- Used GPower to determine sample size and collect data from 168 samples and input the collected data and code into R, analyzed the data result and created boxplots.

## SKILLS

Programming & Scripting Languages: R, Python, SQL, LaTeX

Software Skills: OpenRefine, Tableau, Slate, Pixelmator Pro, Microsoft Excel, PowerPoint, Word, Procreate, Sketchbook

Languages: Mandarin, English

Interests: Horse Riding, Skiing, Acrylic Painting, Digital Painting, Biking, Hand Craft