

CLARA HU

clarahu@berkeley.edu • claralhu.com • Berkeley, California

EDUCATION

University of California, Berkeley

Expected 2023

Master of Information Management and Systems; *Graduate Certificate in Applied Data Science*

University of California, Los Angeles

2021

Bachelor of Science, Environmental Science (*Minors: Statistics; Environmental Systems and Society*)

Honors: *Magna Cum Laude; College Honors*

EXPERIENCE

Beta Hat MR, Oakland, CA

May 2022-September 2022

Consumer Insights Intern

- Process and analyze raw data from qualitative interviews and quantitative surveys for populating research deliverables
- Extrapolate key insights on market segmentation & demand forecasts in global markets for video game & tech companies
- Design database to track of project details, progress, and results

IBM, Los Angeles, CA

September 2020-June 2021

Project Manager and Data Analyst - Senior Capstone Project at UCLA IoES

- Develop an interactive map, data dictionary, code repository, and technical report for IBM and The Nature Conservancy to provide recommendations for water use and management and evaluate the Upper Tana-Nairobi Water Fund (UTNWF)
- Analyze water resource data and evaluate the UTNWF's hydrologic and economic benefits using IBM Cloud Pak
- Perform statistical and spatial analyses on climate and land cover data using ArcGIS and R

Tutorfly Inc, Los Angeles, CA

January 2018-June 2019

Business Development Intern

- Develop a new Direct-to-School model through collaborating with school districts to broaden outreach and client base
- Forge partnerships with student organizations to improve supply of marketplace (Direct-to-Consumer) model
- Plan outreach marketing campaigns and promotions
- Compile and analyze data on user experience to inform ongoing decision making; assist with database management

Labyrinth, UCLA Institute for Society and Genetics

Summer 2019

Undergraduate Researcher

- Conduct ethnographic investigations of environmental controversies through surveys and structured interviews
- Code qualitative data from interviews to determine themes on public opinion of sustainability in urban Los Angeles
- Design and implement a rubric of investigation, compile data into readable form for presentation

ACADEMIC LEADERSHIP & TEACHING

Graduate Student Instructor, UC Berkeley

Fall 2021 - Present

- Undergrad courses: *PS3 Intro to Empirical Analysis & Quantitative Methods (Head GSI); EPS 104 Mathematical Methods in Geophysics; EPS 82 Oceans*
- Graduate courses: *INFO 206A Intro to Programming and Computation; INFO 206B Intro to Data Structures and Analytics*
- Responsible for leading discussions and labs, lesson planning, hold office hours, and grading

International Urban Student Sustainability Corps, UCLA

January 2019-June 2021

President; Homelessness and Waste Division

- Lead group researching waste management and environmental health issues in Los Angeles communities
- Analyze data using statistical models, regression analysis, and GIS and present results through reports and visualizations
- Collaborate with nonprofit (Chrysalis) to develop ideas for reducing waste and improving homeless employment in LA

UCLA Clean Consulting, UCLA

September 2018-June 2021

Waste Processing Team Member

- Develop zero waste initiatives for UCLA Sustainability Plan through conducting waste audits and cost-benefit analyses
- Map out placement of 3-stream waste bins and promote composting on campus with the Zero Waste Coordinator

SKILLS

Languages: Mandarin Chinese (Fluent), Spanish (Proficient)

Programming Languages: R; Python; SQL; JavaScript

Tools: Microsoft Office Suite; Tableau; QGIS; ArcGIS; D3.js; IBM CloudPak; MongoDB; Adobe Photoshop, Illustrator