

Chase McDonald

chasemcd.com |  chasemcd |  chasemcd
chasecmcdonald@gmail.com | 415.717.7768

EDUCATION

UNIVERSITY OF CALIFORNIA, LOS ANGELES

COMPUTATIONAL SOCIAL SCIENCE
Dec 2019 | GPA: 3.8, cum laude

LANGUAGES

Python
C++
Stata

COURSEWORK

Machine Learning
Data Science & Visualization
Data Structures & Algorithms
Assembly Language
Social Networks
Econometrics
Game Theory
Probability Theory
Bayesian Statistics

EXPERIENCE

UCLA | RESEARCH ASSISTANT

Dec 2019 – Present | Los Angeles, CA

- Research assistant in Professor Jacob Foster's laboratory, conducting research on the free energy principle and social behavior through multi-agent simulations.

UCLA ANDERSON | DATA ANALYST RESEARCH ASSISTANT

Aug 2019 – Present | Los Angeles, CA

- Research assistant for professor Ashvin Gandhi in the UCLA Anderson School of Management.
- Exploratory and statistical data analysis, data cleaning, and visualization for several ongoing research projects in finance and healthcare, primarily using Python and Stata.

UCLA | UNDERGRADUATE HONORS RESEARCHER

Jan 2019 – Dec 2019 | Los Angeles, CA

- Completed an undergraduate thesis as part of the Honors College's Individual Field of Concentration program: "Norm Emergence with Discriminatory Agents in Multi-Agent Reinforcement Learning Systems".
- Using multi-agent reinforcement learning, the thesis explores the emergence of norms in the face of discriminatory agents in game-theoretic environments.

RED LIGHT MANAGEMENT | ARTIST MANAGEMENT INTERN

September 2017 – December 2017 | West Hollywood, CA

- Intern for the office of Executive Vice President, Bruce Flohr. Assisted in day-to-day planning, calendar and travel management, expense reporting, and artist research.

WINDMARK RECORDING | RECEPTIONIST & RUNNER

Feb 2016 – Aug 2018 | Santa Monica, CA

- Interfaced with clients and managers to assist in the recording needs of high-profile artists.
- Developed client-facing communication and high-pressure problem solving skills.

2200 SOUND | Co-FOUNDER

2012 – 2015 | Sausalito, CA

- Developed the business model for a membership based music center for local musicians.
- Secured \$2.8 million in investment and real-estate backing.

PULSE DANCE MARIN | Co-FOUNDER

2011 – 2016 | Mill Valley, CA

- Hired and managed 25 employees and volunteers for bi-monthly community dances.
- Grossed \$35,000 from an initial \$400 budget, donating 10% of gross profits to local charities.