

# Chase McDonald

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## EDUCATION

### UNIVERSITY OF CALIFORNIA, LOS ANGELES

ECONOMICS & SOCIAL BEHAVIOR  
SPECIALIZATION IN COMPUTING  
Dec 2019 | GPA: 3.79, cum laude

## PROJECTS

### POLAR LANGUAGE

- Retraining OpenAI's GPT-2 language model with polarized language corpuses from politically extreme subreddits.
- Demonstrates an extreme example of how a community's aggregated language can shape the expressions of a learner.

## SKILLS

Python • C++  
Tensorflow • PyTorch  
Scikit-Learn • Stata

## COURSEWORK

Machine Learning for Social Scientists  
Data Science & Visualization  
Data Structures & Algorithms  
Econometrics  
Game Theory  
Probability Theory  
Social Psychology

## EXPERIENCE

### UCLA ANDERSON | RESEARCH ASSISTANT

Aug 2019 – Present | Los Angeles, CA

- Data analyst research assistant for professor Ashvin Gandhi in the UCLA Anderson School of Management.
- Exploratory and statistical data analysis, data cleaning, and visualization for various research projects in Python and Stata.

### UCLA | UNDERGRADUATE HONORS RESEARCHER

Jan 2019 – Present | Los Angeles, CA

- My major is part of the Honors College's Individual Field of Concentration program, which allowed for the self-design of a specialized course of study that explores quantitative and computational social science.
- Thesis: "Norm Emergence with Detractive Agents in Multi-Agent Reinforcement Learning Systems". Using multi-agent reinforcement learning, I explore the emergence of norms in the face of both anti-social and discriminatory agents in social 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.