Clay Cantrell

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Recent graduate with academic and industry experience working at the intersection of research and technology.

WORK EXPERIENCE

Measurement and Multilevel Modeling Lab at USC   **Dec. 2020 – Present**

Research Assistant, Software Developer   *Los Angeles, CA*

- Lead the development of an R package and R Shiny web application for performing selection accuracy analysis in the presence of partial invariance.
- Conducted a comprehensive literature search and analysis of military research evaluating the effectiveness of personality assessments in predicting rates of attrition.

Social Learning and Choice Lab at USC   **Feb. 2021 – Jan. 2022**

Research Assistant, Programmer   *Los Angeles, CA*

- Lead workshops and assisted graduate students in how to use PsychoPy, an open-source python package used to build behavioral experiments.
- Built and distributed surveys with Qualtrics, exploring the relationship between prediction error and empathy.

NewGlobe   **June. 2021 – Sept. 2021**

Intern, Measurement and Evaluation   *Los Angeles, CA*

- Routine data pipeline management.
- Conversion of local R and Python scripts to Google Colab cloud environment.

Redford Hauling   **May 2017 – Aug 2019**

Construction Waste Management   *Seattle, WA*

- Coordinated with construction managers and waste transfer facilities for the timely removal of waste and debris from construction sites.
- Kept all appendages intact for the duration of my employment.

Seattle Parks and Recreation   **Aug 2015 – Sept 2017**

Swim Instructor, Lifeguard   *Seattle, WA*

- Taught group swim lessons to children aged 6-12 as well as private adult lessons.
- Never learned the butterfly stroke.

EDUCATION

University of Southern California   **December, 2021**

BA, Cognitive Science, *magna cum laude*   *Los Angeles, CA*

- GPA: 3.8
- Minor in Computer Programming

SKILLS & INTERESTS

- **Skills:** Logic X; Ableton; R; Javascript; HTML/CSS; SQL; PHP; Python; Visual Design; Qualtrics
- **Interests** Skateboarding; Snowboarding; Doodling; Backpacking; Mountain Biking; Singing/Songwriting