

Cameron S. Lopez

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Education

University of California, Berkeley | School of Information

Aug 2019 – May 2021

- Master of Information Management and Systems
- 3.94 GPA

University of California, Berkeley

Aug 2015 – May 2019

- Bachelor of Arts, Cognitive Science
- Conservation and Resource Studies Minor
- 3.71 GPA

Experience

User Experience Research Intern

May 2020 – Aug 2020

Google | Mountain View, CA

- Responsible for designing and implementing research studies pertaining to Google Stadia.

User Experience Research Intern

May 2019 – Aug 2019

Oakley | Orange County, CA

- Led a three-month study in which I examined the effect of a new lens technology on reaction times of color-deficient individuals.
- Designed, programmed, and built an experiment involving a visual-motor secondary task and multiple lights of specific wavelengths and intensities.
- Recruited 40 participants to participate in the hour-long study over a 3-week period.
- Used Pandas to build an analysis pipeline for the raw data, then conducted mixed ANOVA to analyze the interaction of reaction time and error rate.
- Findings used by Oakley to lobby to the American National Standards Institute to influence national sunglass policy, and will be presented at the 11th International Conference on Human Factors and Ergonomics in July.

Computer Science and Neuroimaging Intern

May 2018 – Aug 2018

Sandler Neuroscience Center | University of California, San Francisco

- Implemented a data analysis pipeline for automating quality assurance of 13,000+ patient MRI scans.
- Ran deep neural networks using Keras and Tensorflow to analyze structural MRI tissue segmentations.
- Ran MatLab scripts to find optimal parameters for generating individual predictions of future brain change.
- Assisted in development of interactive visual application of brain structure latent space interpolation and corresponding subject atrophy maps, as well as actual and predicted longitudinal change maps. Now used as a patient dashboard for the lab.

Projects

User Experience Researcher

Feb 2020 – May 2020

CalCentral | Info 214 User Experience Research Semester-long Project

- Member of a team of 3 graduate students recruited to conduct official UX research for UC Berkeley's online student portal over a 4-month period.
- Designed and conducted recruiting, user interviews, contextual inquiries, and a diary study.
- Defined a strategy to increase student engagement and provided a framework for future campus research.

Software

- Python, Java, R, MatLab, HTML/CSS, SQL

Design

- Illustrator, Figma, Tableau

Miscellaneous

- Lean Six Sigma Yellow Belt Certified