

CHRISTOPHER J. SCHMANK, PHD

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SUMMARY

Applied Cognitive Psychology PhD looking for employment in the field of Data Science and Analytics. Research background started with Cognitive Neuroscience of Stress Lab and culminated in CALIBER Lab a Quantitative Psychology/Psychometrics Laboratory. During academic career, rigorously studied quantitative/qualitative methodology as well as advanced statistical analyses.

- **Expertise:** Data Organization and Cleaning Procedures, Experimental Methodology, Quantitative/Qualitative Methodology, Regression Based Statistical Analyses, Latent Variable Modeling, Cognitive Psychology, Validated User Research, Information Architecture, User Experience Strategy
- **Analyses & Tools:** Correlation/Regression, Parametric & Non-Parametric Statistical Analyses, Structural Equation Modeling, Psychometric Network Modeling, Machine Learning and Big Data, Multi-Level Modeling, GitHub, Netlify, R/RStudio/Posit, qgraph, lavaan, blavaan, jmv, ggplot2, onyx, psych, tidyverse (Novice), Python (Novice), SQL (Novice)

PROFESSIONAL EXPERIENCE

Specialized Consultant, Accenture Talent Innovation Lab Claremont, CA | 2018-2019

- Collaborated with multidisciplinary team as lead Cognitive Scientist/Applied Cognitive Psychologist
- Set up Interview survey to build databank of responses indicating concepts and behaviors regarding Positive Organizational Psychology
- Databank used to train and test Natural Language Processing model to identify constructs present in responses

User Experience Researcher, Hit Point Studios Los Angeles, CA | 2019-2021

- Assisted colleague in useability testing on Augmented Reality product to help young students learn fundamentals of electrical circuit building
- Conducted competitive analyses comparing products already in the market with those proposed to serve customer pain points

Graduate Research Assistant, Claremont Graduate University Claremont, CA | 2017–Present

- Secondary data projects conducting psychometric analyses on Intelligence data e.g., Exploratory/Confirmatory Factor Analyses, Structural Equation Modeling, and Psychometric Network Modeling
- Built online Experiment and Surveys to conduct Rationality and Cognitive Ability research and collected data using Qualtrics, MTurk, and MTurk Cloud Research

Teaching Assistant, The Claremont Colleges Claremont, CA | 2017–2021

- Worked at multiple universities as Teaching Assistant and Graduate Teaching Assistant in User Experience, Introductory and Advanced Statistics Courses including Latent Variable Modeling and Structural Equation Modeling
- Consulted Undergraduate Thesis students on their Honors Projects as a Statistical/Data Consultant

EDUCATION

Ph.D. – Applied Cognitive Psychology, 2025 Claremont Graduate University

- Dissertation: “Does Being Emotional Age Nicely: Processing Speed and Emotion Regulation”

M.A. – Psychological Sciences, 2016 University of Colorado Colorado Springs

- Thesis: “Tip-of-the-Tongue Phenomena Across the Adult Lifespan: Effects of Concurrent Stress”

B.A. - Psychology, Minor: Philosophy, 2013 Saint Louis University

SELECTED PROJECTS

Emotion Regulation and Processing Speed: Is emotion regulation a cognitively taxing process. *Impact:* Paradoxical relationship between increased age, cognitive ability, and emotion. As we age our cognitive abilities decline, however, emotional intelligence increases. <https://cjschmank.netlify.app/project/emotion-regulation-and-processing-speed/>

Stress and Cognition: Does evaluative observation impact language production. *Impact:* Demonstrated that under observation conditions more tip-of-the-tongue states occurred compared to unobserved conditions. <https://cjschmank.netlify.app/project/evaluative-observation-and-tip-of-the-tongue-states/>