HEATHER COHEN
DATA SCIENTIST | COMPUTATIONAL RESEARCHER
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Supporting research through data-driven insights, research software design and execution, manuscript drafting, and high-level analysis.

SKILLS

Data Science: Python, R, SQL, Mongo, ETL, NLP, Statistics and Probability, SPSS

Research: R, Matlab, PsychoPy, E-prime, Presentation, Qualtrics, Beacon, formal and informal scientific writing

Physiology: TestBench EEG, Arduino biosensors including HR and GSR
Management: Experience managing staff and interns, Asana, Trello
Web Dev: Ruby, HTML & CSS, JavaScript, WordPress customization

EXPERIENCE

2017 – PRESENT **RESEARCH SCIENTIST**, LIBEROS LLC
Developed and programmed neurophysiology experiments for use scientific research, conducted analysis of questionnaire and physio data, compiled and wrote papers for peer reviewed journal publication. Presented findings as conferences, author on two further manuscripts pending publication.

2014 – PRESENT **FRONT-END WEB DEV**, COHEN & CO
Created custom web solutions for a variety of clients, including WordPress template creation, MailChimp and Google Apps integration, and survey creation and analysis. Created easily understood reports for all levels of technical ability. Created online election software for Pacific Palisades Community Council.

2015 – 2016 **JR. PROGRAMMER**, KELTON GLOBAL
Programmed surveys of varying length and complexity on Decipher's Beacon survey platform, including internal testing and liaising with non-technical teams and outside clients and vendors to ensure clean sample.

2011 – 2013 **STAFF RESEARCH ASSOCIATE/PROJECT COORDINATEOR**, UCLA SEMEL INSTITUTE CENTER FOR COGNITIVE NEUROSCIENCE
Managed the lab of multiple rooms and employees with full day to day autonomy. Ran participants through experiments. Designed and programmed website components and software, custom experiment data analysis in various languages. Solely responsible for recruitment; Engineered a social media campaign that increased recruitment by 350% exceeding goals. Co-author on paper in Brain and Behavior for scripting analysis work. Project coordinator on ASD website relaunch.

EDUCATION

2008 **BA, UCSB** Graduated with honors in three years. Psychology major with minor in Art History. GPA 3.51
2015 **Data Science Certificate, General Assembly** Designed NLP experiment and created TED style talk with results

PUBLICATIONS & PRESENTATIONS

Sabb, F. W., Hellemann, G., Lau, D., Vanderlan, J. R., **Cohen, H. J.**, Bilder, R. M., & McCracken, J. T. (2013). High-throughput cognitive assessment using BrainTest.org: examining cognitive control in a family cohort. Brain and Behavior, 3(5), 552–561. http://doi.org/10.1002/brb3.158

Prause, N., PhD, **Cohen, H., BA**, & Siegle, G.J., PhD (2018). Adverse childhood experiences, not sexual compulsivity, predict greater experienced sexual arousal in Orgasmic Meditation. Psychological Science *Publication Pending*

Presenter, "Emotional Effects of Adverse Childhood Experiences After Partnered Stimulation" International Society for the Study of Women's Sexual Health, February 11th 2018, San Diego, CA