

# HEATHER COHEN

## Data Scientist

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- PUBLICATIONS** Sabb, Fredd W., Gerhard Hellemann, Deanna Lau, Jessica R. Vanderlan, **Heather J. Cohen**, Robert M. Bilder, and James T. McCracken. "High-throughput Cognitive Assessment Using BrainTest.org: Examining Cognitive Control in a Family Cohort." *Brain and Behavior* (2013): DOI: 10.1002/brb3.158
- EDUCATION** **General Assembly – Data Science**  
**CodeAcademy.com & RubyTheHardWay** –Python, Ruby, JavaScript, HTML &CSS  
**University of California, Santa Barbara**, Goleta, CA, 2005-2008, **Bachelor of Arts with Honors**, Major: Psychology, Minor: Art History, G.P.A: 3.51, Major G.P.A: 3.8
- PRESENTATION** **Twitter and Feminism: Studying Social Issues with Data Science.** TED-style live presentation at General Assembly for Data Science Graduation, Santa Monica, CA, Feb 2015 - <https://github.com/heatherjcohen/DSPProject>
- SKILLS AND ABILITIES** **Soft Skills:** Technical and Non-Technical Communication, Business and Science Writing, Research, Attention to Detail, Social Media, Editing, Office Administration, Flexible, Highly Organized, Management, Public Speaking  
**Hard Skills:** Data Science, Programming, Python, Ruby, Data Visualization, Data Analysis, Copywriting, Word Processing, Managing Professional Social Media, SPSS, QuickBooks, Salesforce, Photoshop, JavaScript  
**Research Interests:** Psychology, Neuropsychology, Neurology, Genetics, Phenomics, Social Media, Social Issues and Civil Rights, Intersectionality, Creativity
- RESEARCH EXPERIENCE** **Lower Division Lab Assistant**, Dr. Richard E. Mayer's Psychology Lab, 2006  
Running experiments, transcribing test responses, coding, data entry, and aiding graduate students for experiments in how different media effect learning and question response.
- Upper Division Lab Assistant**, Dr. Heejung Kim's Cultural Psychology Lab, 2007-2008  
Contacting and scheduling participants, running study sessions, working as a confederate, data entry and coding for experiments in how technology effects inter- and intra-racial interactions.
- Research Associate**, Lieberman Research Worldwide & TigerLead & Ajilon Finance Solutions – 2013-2014
- Provided extensive and detailed data entry and data analysis
  - Advanced usage of Excel and PowerPoint to create client facing reports
  - Created and proofed contracts and other legal documents
- Staff Research Associate**, Semel Institute at UCLA, Dr. Fred W. Sabb Center for Cognitive Neuroscience, Los Angeles, CA, 2011-2013
- Full day to day autonomy in lab maintenance and schedule setting for multiple rooms and employees, as well as running participants through various in lab experiments.
  - Designed website components and software, wrote custom software in multiple languages for use in experiment data analysis
  - Solely responsible for recruitment across multiple platforms including social media, Engineered social media based recruitment campaign increasing weekly participant recruitment by 350% and exceeding recruitment goals.
  - **Co-author** on paper in *Brain and Behavior* for Ruby code, analyzing data
  - **Project Coordinator** for re-launch of Autism Spectrum Disorder website including website design, editing, and maintenance as well as IT support for the project.

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## PROFESSIONAL EXPERIENCE

### **Freelance Quality Assurance**, Hero Forge and Others, Santa Monica, CA 2014-2015

- Evaluated and tested software programs to verify functionality according to user and backend requirements, including Python and MAYA interface debugging.
- Monitored, managed and communicated with developers on defects
- Prepared and developed test strategies and test plans for multiple projects and across platforms.
- Assisted project leaders in solving quality assurance issues.
- Worked collectively to solve defects with the Python, Modeling, and Rigging teams.
- Consistently chosen for tasks requiring excellent attention to detail and thoroughness.

### **SMITH BARNEY**, Los Angeles, CA, Summers 2006-2009

#### **Sales Assistant**

- Opened accounts and completed client requests on a variety of in house software platforms
- Assisted brokers and sales assistants with special finance projects and research
- Answered a multiline switchboard and provided back up administrative aid
- Designed a more efficient file organization system for client records

## REFERENCES

### **Teagan Morrison**

Technical Art Director at  
Naughty Dog  
CEO of Hero Forge, LLC  
[teagan.morrison@gmail.com](mailto:teagan.morrison@gmail.com)  
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### **Fred Sabb, Ph.D**

Director, Lewis Center for  
Neuroimaging  
University of Oregon  
Assistant Adjunct Professor  
Department of Psychiatry,  
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### **Doug Amato**

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