

# Bob Spunt, Ph.D.

[bobspunt@gmail.com](mailto:bobspunt@gmail.com) | [bobspunt.com](http://bobspunt.com) | [linkedin.com/in/bobspunt](https://www.linkedin.com/in/bobspunt) | [github.com/spunt](https://github.com/spunt)

---

Research scientist with 12 years' experience using data to understand and predict human behavior

## Skills

---

Research	Psychometrics, Experimental Design, A/B Testing, Human Subjects Testing (brain imaging, online surveys, performance testing, eyetracking), Presenting, Publishing
Statistics	Probability, Hypothesis Testing, Nonparametric, Predictive Modeling, Machine Learning, Data Reduction, Image Processing, Signal Processing
Programming	Python, MATLAB, R, SQL, Unix Shell, Git

## Employment

---

### Data Science Consulting

**2014-Present**

- 2017 to Present: Consulting data scientist at Snap, Inc. – provide qualitative and quantitative data analytics support on technology products
- 2017 to Present: Consulting researcher at Caltech – research design, analytics, and reporting for National Institutes of Mental Health Conte Center
- 2014 to 2015: Consulting software developer at CollegeSpring, Inc. – developed application for automated SAT test scoring and data reporting; workflow processes; and end-user support
- Open-Access Software: Maintain 30+ GitHub repositories containing open-source software (mostly MATLAB) for designing experiments and analyzing data from psychology/neuroscience research; developed analytics and data visualization tool for JUST Capital

### Scientific Research

**2005-Present**

UCLA (PhD: 2005-2011; Postdoc: 2011-2012)  
Caltech (Postdoc: 2012-2017)

- Conducted basic scientific research testing theories of human social and emotional behavior and using advanced experimental methods from psychology, statistics, and cognitive neuroscience, including functional magnetic resonance imaging (fMRI); research included healthy adults, high-functioning adults with autism, and patients with focal brain damage
- Authored 26 peer-reviewed papers in prestigious scientific journals including Nature Reviews Neuroscience, Proceedings of the National Academy of Science, Journal of Neuroscience, and Psychological Science. Impact metrics: 860 citations; average of 178 citations/year for last 3 years
- Presented data in 30+ talks/posters to international audiences at conferences and colloquia
- Mentored and supervised 5 summer undergraduate research fellows and 12 research assistants

### Teaching

**2006-Present**

- 2006 to 2011: Co-taught 2 graduate and 11 undergraduate courses in Psychology and Research Methods at UCLA; received Distinguished Teaching Award from the Department of Psychology
- 2013: Wrote and taught data analysis in MATLAB labs for graduate students, postdocs, and junior faculty attending the University of Michigan Summer Training Course in fMRI

## Education

---

<b>Ph.D., Social Psychology</b> , University of California, Los Angeles (UCLA)	<b>2011</b>
<b>Bachelor of Arts, Psychology &amp; Rhetoric</b> , University of California, Berkeley	<b>2003</b>