Bob Spunt, Ph.D.

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Accomplished research scientist with 10+ years of experience using big and small data to answer questions about human experience and behavior.

Skills

Research	Theory Development	Experimental Design	Survey Methods	Qualitative Research Psychometrics	Assessment (Performance, Personality)	Scientific Publishing/Presentation Neurobiological Measures (fMRI, eye-tracking)
Data Analytics	Predictive Modeling (GLM)	Hypothesis Testing	Multivariate Techniques (Similarity, Machine Learning)	Data Reduction	Image Processing	Signal Processing
Computing & Development	MATLAB	Shell	Git	SQL	Python	R	HTML	JavaScript	Cluster/Parallel Computing Large Datasets	Software Development	User-Centered Design	Web Design

Experience

Research Scientist   **2005-Present**

Emotion & Social Cognition Lab, California Institute of Technology **(2012-Present)**
Social Cognitive & Affective Neuroscience Lab, University of California, Los Angeles **(2005-2012)**

- Conducted basic scientific studies and experiments testing theories of human social behavior and emotional experience using advanced experimental methods from psychology, statistics, and cognitive neuroscience, including functional magnetic resonance imaging (fMRI).
- Applied research to understand neural basis of individual differences in social skills in healthy adults, high-functioning adults with autism, and patients with damage to specific brain regions.
- Lead author on 14 peer-reviewed scientific articles and contributing author on 5 more, each a collaborative effort involving teams of 4-10 co-investigators and research assistants; mentored and supervised 5 summer undergraduate research fellows and 12 research assistants.

Freelance Software Developer   **2010-Present**

- Developed standalone Windows and MacOS applications for automated SAT test scoring and data reporting for CollegeSpring, Inc. Wrote manual and provided end-user support.
- Manage ongoing development and maintenance of portfolio of 30+ open-source MATLAB and Python tools for psychology/neuroscience research (see: github.com/spunt).

Instructor   **2006-Present**

- From 2006 to 2011, co-taught 2 graduate and 11 undergraduate courses on Social Psychology, Research Methods, and Scientific Computing at University of California, Los Angeles. In 2010, received Distinguished Teaching Award from the Department of Psychology.
- In 2013, wrote lesson plans and co-taught scientific computing in MATLAB to graduate students, postdocs, and junior faculty attending the University of Michigan Summer Training Course in fMRI.
- Delivered 30+ presentations at international academic conferences and university colloquia.

Education

Ph.D., Social Cognitive Neuroscience	University of California, Los Angeles (UCLA)	**2011**
Master of Arts, Social Psychology	University of California, Los Angeles (UCLA)	**2007**
Bachelor of Arts, Psychology & Rhetoric	University of California, Berkeley	**2003**

Selected Scientific Publications

Spunt RP & Adolphs R (2015). Folk explanations of behavior: A specialized use of a domain-general mechanism. Psychological Science 26(6), 724–36.

Spunt RP, Elison JT, Dufour N, Hurlemann R, Saxe R, & Adolphs R (2015). Amygdala lesions do not compromise the cortical network for false-belief reasoning. Proceedings of the National Academy of Sciences 112(15), 4827–32.

Spunt RP & Lieberman MD (2012). Dissociating modality-specific and supramodal neural systems for action understanding. Journal of Neuroscience 31(10), 3575–83.