

Jose Gallegos

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josegallegos.info

Education

2007 – 2011 University of California, Berkeley
Bachelor of Arts in Psychology

Honors & Awards

2013 Github Game Off II Winner
2011 Dean's Honor List
2011 Psi Chi, International Honor Society in Psychology Membership
2007 – 2011 University of California, Berkeley: Incentive Awards Program Scholarship

Work

2012 – Present Software Developer
Posit Science Corporation

- Lead developer of a web-based computerized training program targeting Spatial Neglect
- Lead developer of a mobile-based closed-loop mood-tracking app (DARPA SUBNETS project)
- Designed and developed an R-package around a JSON API as a bulk data pulling and processing tool for in-house researchers, research assistants, and external collaborators
- Translated paper and pencil assessments to web and mobile platforms
- Translated computerized neuropsychological assessments to web and mobile platforms
- Served as technical support for research studies
- Integrated new automated build and workflow processing tasks into the existing infrastructure
- Actively wrote and maintained technical documentation for projects, including instructional materials for other developers and engineers

2015 – 2016 R-Developer
UCSF Sandler Neurosciences Center
Gazzaley Lab

- Designed and developed an R-package around a large behavioral and neurocognitive dataset for multiple research studies
- Implemented a robust system for cleaning & processing raw data into a statistical package-friendly format (R, SPSS, excel)
- Implemented a dynamic system for calculating summary statistics, both at a participant and at a group level
- Implemented a continuous build and automated tests pipeline with Github and Travis CI
- Actively maintained internal and external package documentation
- Worked with research assistants to debug, test, and validate package functions

- 2011 Undergraduate Research Assistant
Helen Wills Neuroscience Institute
D'Esposito Lab
- Recruited participants for a psychopharmacological study
 - Ran participants through an exhaustive 4-hour assessment battery
 - Collected behavioral and neuropsychological assessment data
 - Provided fMRI scanning support
 - Scored & analyzed behavioral data
 - Managed and maintained a subject database
- 2010 – 2011 Undergraduate Research Assistant
Institute of Personality and Social Research
Berkeley Social Interaction Laboratory
- Systematically coded and rated participant behavior (behavioral coding)
 - Examined the inter-rater reliability of behavioral coded data
 - Calculated basic summary statistics
- 2010 – 2011 Mental Health Intern
Napa State Hospital
- Interacted with Napa State Hospital inpatients in various pro-social activities

Technical Skills

Software	Xcode, Adobe Creative Suite (Photoshop, Illustrator, Flash)
Statistics	R/R-Shiny, SPSS, MATLAB
Languages	C++, C#, C, Objective-C, Swift, R, Ruby/Rake, HTML/HTML5, Less/CSS, ActionScript, JavaScript, CoffeeScript, Python, XML, JSON
Web Frameworks	jQuery, Node.js, Backbone, Responsive Design (Bootstrap, Foundation), ASW (S3), Jekyll, Mustache, Underscore, D3, PixiJS
Development Tools	Github/Git, Jenkins, Travis CI