Jose Gallegos

josegallegos07@gmail.com
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   UC Berkeley: Incentive Awards Program Scholarship

Work

Software Developer
Posit Science Corporation
2012 – 2018

- Worked with researchers to develop cognitive training exercises and assessments for various research studies
- Architected and implemented new features according to study specifications
- Translated computerized neuropsychological assessments to web and mobile platforms
- Translated paper and pencil 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

Notable projects:

- Lead engineer of a mobile mood-tracking & assessment app (DARPA SUBNETS project)
- Lead engineer of a cross-platform computerized training program targeting Spatial Neglect
- Lead engineer of a web-based Parkinson's disease assessment battery
- Designed and developed an R-package as a data pulling and processing tool for in-house researchers, research assistants, and external collaborators

R-Developer
UCSF Sandler Neurosciences Center
Gazzaley Cognitive Neuroscience Laboratory
2015 – 2016

- 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

Undergraduate Research Assistant
Helen Wills Neuroscience Institute
D'Esposito Cognitive Neuroscience Laboratory
2011

- 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

Undergraduate Research Assistant
Institute of Personality and Social Research
Berkeley Social Interaction Laboratory
2010 – 2011

- Systematically coded and rated participant behavior (behavioral coding)
- Examined the inter-rater reliability of behavioral coded data
- Calculated basic summary statistics

Technical Skills

Software

- Xcode, Adobe Creative Suite (Illustrator, Photoshop, Lightroom, Flash)

Audio Production

- Logic Pro X, Ableton Live, Adobe Audition

Statistics

- R, SPSS, MATLAB

Languages

- C++, C#, C, Objective-C, Swift, R, Ruby/Rake, HTML/HTML5, Sass/Less/CSS, ActionScript, JavaScript, CoffeeScript, Python, XML, JSON

Web Frameworks

- jQuery, Node.js, Backbone, Responsive Design (Flexbox, Bootstrap), Jekyll, Templating (Mustache), Underscore, D3, PixiJS

iOS Frameworks

- UIKit, CoreData, HealthKit, ResearchKit, Carthage, AlamoFire, Argo

Development Tools

- Github/Git, JIRA, Jenkins, Travis CI