Adam Large

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Technical Skills

PROGRAMMING LANGUAGES: Python | SQL | HTML | CSS | R

TOOLS/TECHNIQUES: CI/CD | OOP | pyspark

Education

Data Science Fellowship | The Data Incubator | August 2020

Postdoc in Psychology | University of Wisconsin - Madison | June 2019

PhD in Neuroscience | University of Pittsburgh | April 2017

BA in Biology | University of Chicago | June 2011

Work Experience

CEDARS-SINAI MEDICAL CENTER   **Oct 2022 – Present**
Clinical Research Data Specialist

- Supported research efforts through querying of data from multiple sources
- Spearheaded changes to codebase to improve efficiency and code quality

SAPIENT   **June 2021 – Present**
Data Scientist III

- Developed code for database homogenization through GitHub and CI/CD
- Created custom python packages for use by the entire department
- Generated template repositories with cookiecutter and cruft

DATA SCIENTIST   **Dec 2020 - June 2021**
Freelance Data Scientist

- Provided data science consulting through freelancing platforms. Services include data collection, customer profiling through shopify data, and SQL management

UNIVERSITY OF WISCONSIN - MADISON   **Jul 2017 – Jun 2019**
Postdoc

- Analyzed cognitive, behavioral, and fMRI data using MATLAB, and used linear regression and clustering analysis to compare cognitive, behavioral, and game data in R

Projects

LUDOTHEMES: THE BOARD GAME DESCRIPTION APP   https://ludothemes.herokuapp.com
Examined the relationship between the publisher's description of a board game and the level of interest in that game. Utilized natural language processing with latent semantic indexing to find relevant board games, as well as ensemble regression to predict level of interest.

PREDICTORS OF ACHIEVEMENT IN VIDEO GAMES   http://dx.doi.org/10.17645/mac.v7i4.2314
Investigated the relationship between cognitive measures, personality traits, and skill in League of Legends players through linear regression, ordinal regression, and principal components analysis in R.

CLASSIFICATION OF INTERNEURONS IN OLFACTORY CORTEX   https://doi.org/10.3389/fncir.2016.00062
Classified interneuron subtypes based on electrophysiological and morphological properties using hierarchical clustering analysis in R. Compared data to genetic and molecular markers to design experimental manipulations in future work.