

Eric KRAMER



Contact

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Technologies

Data Manipulation

R::tidyverse ★★★★★
Python ★★★★★
SQL ★★★

Data Visualization

R::ggplot2 ★★★★★
R::Shiny ★★★★★
d3.js ★★

Machine Learning

keras ★★★★★
R::caret ★★★★★
Scikit-learn ★★

Education

- June 2019 | **Doctor of Medicine**
University of California, San Diego - School of Medicine
Academic Honors: Chateaubriand Fellowship, Hertz Fellowship Semi-Finalist
- June 2009 | **Bachelor's of Art in Mathematics**
Northwestern University, Evanston IL
Thesis: "A statistical interpretation of metabolic networks"
Academic Honors: Graduated Summa Cum Laude, Phi Beta Kappa

Work Experience

- Aug 2015 - Mar 2017 | **Senior Data Scientist**
Dataiku, Paris, France
Lead the *Medatalab* project, which used at-home, wearable EEG machines to monitor children with refractory epilepsy. Managed the development of deep neural network tools for the analysis of EEGs. Won two awards for digital innovation in France.
- Oct 2014 - July 2015 | **Research Fellow**
The Pasteur Institute, Paris, France
Adviser: Lluís Quintana-Murci
Developed models of epigenetic differences across age, tissue and populations using linear mixed effects models. Work funded by the French government via a Chateaubriand fellowship.
- June 2013 - July 2015 | **Graduate Student**
The Scripps Research Institute, La Jolla, CA
Adviser: Ali Torkamani
Applied machine learning to the prediction of drug response using genomic data. Placed in top-5 in DREAM challenge for response to TNF- α inhibitors. Published cardiac biomarker signature.

Demos



Sentiment Analysis
[live](#), [code](#)



Object Tracking
[live](#), [code](#)



Financial Modeling
[live](#), [code](#)

Miscellaneous

Citizenship: USA
Languages: English (native; C2), French (conversant; B2)
Interests: Politics, Anthropology, Meditation