

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

March 2019 | **Doctor of Medicine**
expected 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](#)



Image Recognition
[live](#), [code](#)



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

Miscellaneous

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