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| Selected Experience  Data Scientist  Data Innovation Lab @ Capital One (San Francisco, Ca.) 06/15 - Now Lead research team modeling for fraud problem space with class  imbalance & adversaries; H2O.ai, GraphLab, SKLearn  Deployed sub-millisecond real time model; Apache Apex  Recommended distributed machine learning frameworks for general adoption at Capital One; H2O.ai, GraphLab, Apache Spark  Various Technical Positions  Lawfty (San Francisco, Ca.), RevUp Software (Redwood City, Ca.),  Perkins + Will Architecture (San Francisco, Ca.) & Lawrence Berkeley National Lab. (Berkeley, Ca.)  Front End Supervisor  The Home Depot Pro (Colma, Ca.) 05/11 - 03/13 Positions held: Cashier, Special Services Assoc., Tool Rental Assoc. Supervised and trained a staff of 10-30 team members |

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| Personal Projects  Identified genre of Billboard Hot 100 songs using ensemble algorithm built with Support Vector Machine, Neural Network,  Stochastic Gradient Boost, and  Random Forest algorithms;  Python, Pandas, R and Scikit-Learn  Implemented Naive Bayes text classification algorithm and trained this algorithm to correctly label 83% of movie reviews; Python, numpy and Pandas  Python, Python, VB  Created database containing lyrics of Billboard Hot 100 songs since  1958; R, Python, Pandas and Beautiful Soup 4  Built a multi-threaded web scraper and search engine with web  user interface; Java, MySQL and HTML5/CSS  Built resume parsing package which extracts text, finds contact details, and checks for required keywords; Python and Pandas |

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| Education  MS, Analytics  University of San Francisco, July 2015  Relevant Coursework: Machine Learning, Adv. Machine Learning, Data  Acquisition, Exploratory Data Analysis, Relational Databases, NoSQL  Databases, Linear Regression Analysis, Time Series Analysis, Intro. SAS  BS, Physics  University of San Francisco, May 2014  Minors: Computer Sciences, Mathematics  Honors: University Scholar, President of ΠΜΕ Math Honors Society  Relevant Coursework: Software Development, Data Structures &  Algorithms, Differential Eqn.’s, Linear Algebra, Graduate Econometrics |

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| Online  H[ergertarian.com](http://Hergertarian.com/) [github.com/bjherger](https://github.com/bjherger)  [linkedin.com/in/bjherger](https://www.linkedin.com/in/bjherger) [hergertarian.wordpress.com](http://hergertarian.wordpress.com/)/ |

Brendan Herger

H

[ergertarian.co](http://Hergertarian.com/)

[m](http://Hergertarian.com/)

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herger@gmail.com

| + 1 (415) 582-7457

1209

Page Street No. 7 San Francisco, Ca

94117