Anders Poirel

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EDUCATION

University of California, Santa Cruz *Summer 2017 - Spring 2021 (expected)*
B.S. Computer Science, B.A. Computational Mathematics
GPA: 3.64

Selected coursework:

Artificial Intelligence	Machine Learning & Data Mining
Computational Futurology	Intermediate Bayesian Inference (Grad.)
Analysis of Algorithms	Intermediate Bayesian Modeling (Grad.)
Complex Analysis	Functional Programming
Classical and Bayesian Inference	Real Analysis I
Abstract Algebra I	Computational Models
Probability Theory	Number Theory

SKILLS

Programming: R (tidyverse), Python (pandas/scikit-learn/keras), C, Java, SQL, Haskell
Mathematical: Statistics (Bayesian methods), Numerical optimization, Machine learning
Software: BigQuery, Tableau, Excel, Jupyter, GNU/Linux
Languages: English (native), French (native), Mandarin Chinese (basic)

EXPERIENCE

Small Group Tutor | *Learning Support Services, UCSC*   *Fall 2018 - Spring 2019*
Tutored groups of 3-6 students for Intro to Formal Logic, Probability Theory and Linear Algebra.

EXTRA-CURRICULARS

Vice-President | *Data Science Slugs*   *Winter 2019 - present*
Organized recruitment drives, growing club membership from 10 to over 50. Led coding workshops on topics such as data cleaning and model tuning. Led work on various machine learning competitions on Kaggle.
Mentee | *Directed Reading Program*   *Spring 2019*
Worked with a graduate student mentor on numerical methods in optimization, with applications to statistics and machine learning.

SELECTED PROJECTS

Project Portfolio | https://github.com/Jswig/Project-Portfolio

LANL Earthquake Prediction Kaggle Competition
Finished in the top 5% in prediction accuracy using stacked models (linear combination of random forest, KNN and SVM models)

Who is Satoshi?
Leveraged textual analysis in R (hierarchical clustering, term frequency, tf-idf) to determine whether Nick Szabo authored Satoshi Nakamoto's white paper on cryptocurrency.