Anders Poirel

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ADDRESS

EDUCATION

University of California, Santa Cruz *Summer 2017 - Spring 2021 (expected)*
B.A. Mathematics, B.S. Computer Science
GPA: 3.64 | **Mathematics Major GPA:** 3.8

Selected coursework:

Artificial Intelligence	Machine Learning & Data Mining
Computational Futurology	Intermediate Bayesian Inference (Grad.)
Analysis of Algorithms	Intermediate Bayesian Modeling (Grad.)
Real Analysis I	Functional Programming
Classical and Bayesian Inference	Computational Methods

SKILLS

Programming: Python (pandas, scikit-learn, TensorFlow, seaborn, plotly), SQL, R (tidyverse), C

Mathematical: Machine learning, Statistics (Bayesian), Numerical optimization

Software Tools: Git, Google Cloud, Jupyter, Unix/Linux

Languages: English (native), French (native), Mandarin Chinese (classroom)

RECENT EXPERIENCE

Data Science Consultant | *Waterway Data* *Jan. 2020 - Present*
- Build model predicting donation income using XGBoost.

Developer Intern | *PushStash* *Nov. 2019 - Present*
- Built data pipeline between a predictive algorithm and the front end web app.

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

EXTRA-CURRICULARS

Vice-President, President | *Data Science @SC* *Jan. 2019 - Present*
- Co-founded the student organization, growing membership from 10 to over 50.
- Led workshops on data science topics (e.g. gradient boosting, data cleaning).
- Led work on several machine learning competitions.

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).

The Tranparency Project
Built an interactive data visualization web app designed to bring transparency to political ad spending in the US. 1st place winner of CruzHacks 2020.