

Anders Poirel

anderspoirel.me | andersjopo@gmail.com

EDUCATION University of California, Santa Cruz *Summer 2017 - Spring 2021 (expected)*
B.A. Mathematics, B.S. Computer Science
GPA: 3.61 | Mathematics Major GPA: 3.7

Selected coursework:

Artificial Intelligence	Machine Learning & Data Mining
Computational Futurology	Intermediate Bayesian Inference (Grad.)
Functional Programming	Intermediate Bayesian Modeling (Grad.)
Classical & Bayesian Inference	Computational Methods for Mathematics

SKILLS **Programming:** Python (pandas, scikit-learn, tensorflow, plotly+dash, flask), SQL, C, R (tidyverse, caret)
Software Tools: Git, Google Cloud Platform, Linux, Jupyter, Tableau
Languages: English (native), French (native), Mandarin Chinese (classroom)

RECENT EXPERIENCE **Data Scientist Intern** | *Startup Genome* *Apr. 2020 - Present*

- Developed KPIs and dashboards of startup resilience during the Covid-19 crisis
- Leveraged unsupervised learning to develop classifications of startup performance

Developer Intern (remote) | *PushStash* *Nov. 2019 - April 2020*

- Improved performance of portfolio recommendation algorithm, boosting profitability in backtests by more than 20%.
- Implemented algorithm in a production framework

VOLUNTEER EXPERIENCE **Vice-President, President** | *Data Science @SC* *Jan. 2019 - Present*

- Built infrastructure for projects and workshops (repositories, workflow automation, Python environment management)
- Led workshops on data science topics (e.g. data cleaning, data visualization).
- Led work on several machine learning competitions.

PROJECTS **Project Portfolio** | anderspoirel.me/portfolio
LANL Earthquake Prediction Kaggle Competition
Finished in the top 5% in prediction accuracy using stacked models (random forest, KNN and SVM estimators).
The Tranparency Project
Interactive data visualization web app using data collected through several APIs (Google, Facebook) designed to bring transparency to political ad spending in the US. 1st place winner of CruzHacks 2020.