

# Anders Poirel

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**EDUCATION** University of California, Santa Cruz *Summer 2017 - Spring 2021 (expected)*  
B.A. Mathematics, B.S. Computer Science  
**GPA: 3.61 | Mathematics Major GPA: 3.75**

**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)

**Mathematical:** Machine learning, Statistics (Bayesian), Numerical computing (esp. optimization)

**Software Tools:** Git, Google Cloud, Linux, Jupyter

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

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

- Automated collection data from multiple source to produce a snapshot of the global startup ecosystem
- Produced analyses and dashboards to report on key startup indicators

**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** | <https://github.com/Jswig/Project-Portfolio>

**LANL Earthquake Prediction Kaggle Competition**  
Finished in the top 5% in prediction accuracy using hand-engineered features and unstacked models (linear combination of random forest, KNN and SVM estimators).

**The Tranparency Project**  
Built an interactive data visualization web app using data collected through several APIs (Google, Facebook) designed to bring transparency to political ad spending in the US. 1<sup>st</sup> place winner of CruzHacks 2020.