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: 3.64 | **Mathematics Major GPA:** 3.75

Selected coursework:

Artificial Intelligence	Computational Futurology
Machine Learning & Data Mining	Intermediate Bayesian Inference (Grad.)
Classical & Bayesian Inference	Intermediate Bayesian Modeling (Grad.)

SKILLS

Programming: Python (pandas, scikit-learn, tensorflow, dash, flask), SQL, C

Software: Git, Docker, GNU/Linux, Jupyter, Tableau

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

RECENT EXPERIENCE

Research Intern | *Center for Research in Open Source Software* — *Present*
- Improved the open source tool Popper's Docker integration
- Developed DevOps workflows for reproducible computational research

Data Scientist Intern | *Startup Genome* — *Apr - Jun 2020*
- Built analysis pipelines for global survey data and produced reports in Tableau
- Used statistical testing techniques to indentify key policy factors for startup crisis resiliency

Developer Intern (remote) | *PushStash* — *Dec 2019 - Mar 2020*
- Improved performance of portfolio recommendation algorithm, boosting profitability in backtests by more than 20% and implemented in production

VOLUNTEER EXPERIENCE

Vice-President, President | *Data Science @SC* — *Jan 2019 - Present*
- Led workshops on data science topics (e.g. data cleaning, data visualization)
- Led work on several machine learning competitions

PROJECTS & AWARDS

Project Portfolio | anderspoirel.me/portfolio

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.

LANL Earthquake Prediction Kaggle Competition
Finished with a Bronze ranking (top 5% of participants) using model stacking (random forest, KNN and SVM).

DengAI: Predicting Disease Spread Competition
Result in the top 7% of participants using Lasso regression and informative features.