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	Classical & Bayesian Inference
Machine Learning & Data Mining	Convex Optimization (graduate)
Analysis (graduate)	Bayesian Inference (graduate)
Functional Programming	Computational Futurology

SKILLS

Programming: Python (Pandas, scikit-learn, TensorFlow, Dash, Flask), SQL, R (Tidyverse), Javascript (React, Firebase), C

Software: Git, Docker, Google Cloud Platform, GNU/Linux, Jupyter

RECENT EXPERIENCE

Research Assistant *UC Santa Cruz Genomics Institute*   *Sep. 2020 - Present*
- Developing a generative model for genetic data to enable privacy-compliant data sharing

Web Developer | *Merit Educational Consultants*   *Jul - Sept 2020*
- Built supply management website using React.js and Firebase

Research Intern | *Center for Research in Open Source Software*   *Jul - Sep 2020*
- Improved configurability of Popper's Docker and Singularity runtimes
- Developed DevOps workflows for reproducible computational research

Data Scientist Intern | *Startup Genome*   *Apr - Jun 2020*
- Built analysis pipeline in Python for global survey data
- Built visualization dashboards in Tableau
- Used statistical testing techniques to indentify key policy factors for startup crisis resiliency

VOLUNTEER EXPERIENCE

Vice-President, President | *Data Science @SC*   *Jan 2019 - Present*
- Built infrastructure for projects and workshops (e.g. environment management)
- Led workshops on data science topics (e.g. data cleaning, statistical learning)
- Led team to top 5% global scores in several machine learning competitions

PROJECTS & AWARDS

Project Portfolio | anderspoirel.me/portfolio

The Tranparency Project
1st place winner of CruzHacks 2020. Interactive data visualization web app aggregating data sources to bring transparency to political ad spending in the US.