

Anders Poirel

anderspoirel.me | andersjopo@gmail.com

EDUCATION	University of California, Santa Cruz B.A. Mathematics, B.A. Computer Science GPA: 3.53	<i>Jul. 2017 - Jun. 2021</i>
Selected Coursework	Undergraduate Artificial Intelligence Machine Learning & Data Mining Database Systems Functional Programming	Graduate Classical Statistical Learning High Dimensional Statistical Learning Bayesian Inference Convex Optimization
SKILLS	Programming: Python (Pandas, scikit-learn, Pytorch, Plotly, PySpark), SQL, C, R (Tidyverse), Java Software: Docker, AWS, Git, Linux, Jupyter, Tableau	
RECENT EXPERIENCE	Data Scientist Intern <i>Fullpower Technologies</i> <i>Jan. 2021 - Present</i> <ul style="list-style-type: none">Benchmarked Tensorflow model performance on several AWS platformsAnalyzed polysomnography data in Python to validate hardware performance Research Assistant <i>UC Santa Cruz Genomics Institute</i> <i>Sep. 2020 - Present</i> <ul style="list-style-type: none">Developing a generative model for the BRCA1/2 genes to enable privacy-compliant data sharing Web Developer <i>Merit Educational Consultants</i> <i>Jul. - Oct. 2020</i> <ul style="list-style-type: none">Built supply management website using React.js and Firebase Research Intern <i>Center for Research in Open Source Software</i> <i>Jul. - Sep. 2020</i> <ul style="list-style-type: none">Improved configurability of Popper's Docker and Singularity runtimesDeveloped DevOps workflows for reproducible computational research Data Scientist Intern <i>Startup Genome</i> <i>Apr. - Jun. 2020</i> <ul style="list-style-type: none">Built analysis pipeline in Python for global survey data, visualization dashboards in TableauUsed statistical testing techniques to identify key policy factors for startup crisis resiliency	
VOLUNTEER EXPERIENCE	Vice-President, President <i>Data Science @ UCSC</i> <i>Jan. 2019 - Jan. 2021</i> <ul style="list-style-type: none">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/code The Transparency Project 1 st place winner of CruzHacks 2020. Interactive data visualization web app aggregating data sources to bring transparency to political ad spending in the US.	