

Anders Poirel

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EDUCATION University of California, Santa Cruz *Summer 2017 - Spring 2021 (expected)*
B.A. Mathematics, B.A. Computer Science
GPA: 3.64

Selected Coursework	Undergraduate	Graduate
	Artificial Intelligence	Classical Statistical Learning
	Machine Learning & Data Mining	Convex Optimization
	Database Systems	Bayesian Inference
	Functional Programming	Analysis I-II

SKILLS **Programming:** Python (Pandas, scikit-learn, Pytorch, Dash, Flask), SQL, C, Javascript (React, Firebase)
Software: Docker, Kubernetes, Google Cloud Platform, GNU/Linux, Jupyter

RECENT EXPERIENCE **Data Scientist Intern** | *Fullpower Technologies* *January 2021*

Research Assistant | *UC Santa Cruz Genomics Institute* *Sep. 2020 - Present*
• Developing a generative model for the BRCA1/2 genes using generative adversarial networks to enable privacy-compliant data sharing

Web Developer | *Merit Educational Consultants* *Jul. - Oct. 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 identify key policy factors for startup crisis resiliency

VOLUNTEER EXPERIENCE **Vice-President, President** | *Data Science @ UCSC* *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/code
The Transparency 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.