



Dillon Clark

Data Scientist

+1 970-231-2501
d@dclark.works
dclark.works
Denver, CO

EDUCATION

BS – Information Science
University of Colorado, Boulder
2022

Certifications:

Data Science in Python,
Machine Learning Engineer
Datacamp
2024

SKILLS

Programming

Python, SQL, C++, HTML CSS

Machine Learning

Tensorflow, SKLearn, XGBoost

Data Visualization

Matplotlib, Seaborn, Tableau

Data Wrangling

Pandas / Numpy

Web Scraping

BeautifulSoup

Database Management

AWS, PostgreSQL, MongoDB

Natural Language Processing

NLTK, Vader, BERT

Communication

MS Office, Adobe Illustrator

Generative AI

Stable Diffusion, Prompt Engineering

UX Design

Figma, Adobe XD

Feature Engineering

Statistical Analysis

Predictive Analytics

Mandarin Chinese

4 yrs in Shanghai (2012 – 2016)
Intermediate Speaking

EXPERIENCE

Data Scientist

Benchmark Mineral Intelligence | Remote – UK
May 2023 – May 2024

- Collaborated with a global team to develop and launch a data API and Pro web platform.
– Python, Node.JS, data pipeline hosted on AWS
- Developed ETL to convert unclean data in Excel files to standardized data format in PostgreSQL database, & designed an accompanying data dictionary.
- Explored computer vision tools for industrial capacity analysis, and natural language processing models for market sentiment using analyst and social media corpora.
- Wrote AI governance policy for internal company use, advised executives and project stakeholders regarding opportunity and risks of implementing AI.
- Worked with industry analysts to backtest and optimize legacy models, using redesigned technology stack and predictive modelling.

Data Analyst

QED Analytics | In Office
May 2022 – Nov 2022

- Partnered with CEO to address technology challenges and streamline the development of a comprehensive database for mortgage-related information.
- Automated key processes, including postal address validation and correction, marketing and legal document logistics, and data entry workflows using computer vision and Python.

Technical Specialist

Apple Cherry Creek | In Person
Oct 2021 – June 2022

- Worked collaboratively with a diverse and high-performing team to uphold the highest standards of Apple's technical services, & reduced personal session time by 65%

Systems Administrator I (Internship)

NCAR – Earth Observing Lab | In Office
June 2019 – Sep 2020

- Worked with stakeholders and senior faculty to facilitate IT services for field & research projects, resulting in reduced downtime and better allocation of resources.

PROJECTS & INTERESTS

Polisent

CU Boulder – BS Capstone
June 2022

- Worked as a team to enhance the assessment of political sentiment using historical and current Google Trends data for 200+ corporations.
- Trained models on county electoral outcomes from 2004 - 2020 to predict 2022 midterms.
- Produced a report on corporate partisanship and state-by-state predictions.
- Achieved 92% accuracy, gaining valuable insights from encountered challenges.

Interests

Game Design, Environment design, 3D Printing, CAD, Lego, Urban planning, Meteorology, E-Sports, AI generated art, Downhill skiing, Mountain Biking