



# Dillon Clark

## Data Scientist

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📍 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

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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