

Kyle DuPonte

Staff Data Scientist, Analytics

Oakland, CA, 94619 / 808-345-5028 / kduponte@gmail.com



Professional summary

Senior Data Science & Analytics Leader with over 14 years of experience across fintech and finance, including 8 years in data science and product analytics. Proven track record of driving cross-functional strategic initiatives resulting in significant business impact. Passionate about mentoring teams to foster growth and enhancing data-driven decision-making to deliver measurable results.

Employment history

DEC 2019 - PRESENT

OAKLAND, CA

Senior Recommendations Analyst II, Credit Karma

- Owning the analytics experimentation program across the company; defined platform standards, best practices, guardrail metrics, and alerting systems - credited with saving ~\$40M/year in unnecessary losses and automating experimentation reads.
- Designed and institutionalized a new engagement framework that became a company-wide OKR for 3 consecutive years.
- Serves as a strategic partner to executive stakeholders in product, marketing, and data science orgs. Led cross-functional teams to enhance data-driven decision-making, resulting in measurable improvements in product recommendations and user engagement.
- Mentored over 10 junior analysts; directly supporting current team of 3 through career development and project execution.

AUG 2017 - NOV 2019

SAN FRANCISCO, CA

Senior Data Science Analyst, LendUp

- Improved loan approval strategy by building ML-driven credit policy models - increased approval rates by 12% with no significant effect in default rates.
- Built and deployed forecasting models that improved volume prediction accuracy by 20%, enabling tighter budget and LTV forecasting.
- Partnered with product and engineering teams to embed experimentation insights into roadmap decisions.

JUL 2014 - JUL 2017

HONOLULU, HI

Venture Capital Investment Analyst, Kamehameha Schools Endowment

- Oversaw data and performance tracking for a \$1.2B venture capital & private equity portfolio.
- Built modeling tools that guided a 10% asset allocation shift, materially improving portfolio returns.
- Conducted due diligence and analysis for fund selection and rebalancing decisions.

AUG 2012 - JUL 2014

HONOLULU, HI

Commercial Credit Analyst II, American Savings Bank

- Supported underwriting for high-value commercial loans through detailed financial and risk analysis.
- Created financial models used by senior credit officers in approval and risk management processes.

JUN 2011 - DEC 2014

HONOLULU, HI

Co-Founder, Lemon

- Founded a silkscreening and manufacturing label, managing daily operations and retail partnerships.
- Organized 20+ local events, driving both brand visibility and charitable donations.

Education

2011

B.A. in Science, Technology, and Society (STS), Stanford University

Hobbies and Interests

Volunteering

- Volunteer, Purple Maia Native Hawaiian Tech & Entrepreneurship Program
- Baseball Coach, Alameda Little League

Skills

Python

Data Visualization (Looker/Tableau/Chartio)

Predictive Analytics

Git / Github

Strategic Planning

SQL

A/B Testing

ETL / Airflow

Machine Learning

Team Leadership