# Jeremy Miller

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## WORK EXPERIENCE

**Clarivate -** Lead Product Manager, Data Science **2023-current**
- Deliver and drive the vision for the central Data Science team at Clarivate as thought leaders focused on delivering user value for our Academic and Government customers
- Support business segments by working with tech leads to develop and deliver core GenAI and Knowledge Graph services, mapping multiple user needs to centralized enabling technologies.
- Work with Product and Business stakeholders to maintain a validated and prioritized backlog of Machine Learning and AI projects.

**Clarivate -** Product Manager, Data Science **2021-2023**
- Work with Product and Business stakeholders to deliver a validated and prioritized backlog of Machine Learning projects; available projects exceeded team capacity by 50% on average over 2022.
- Delivered and implemented vision for new Data Science Steering Group structure to ensure alignment between Product goals and Data Science projects; met success criteria definitions 94% of the time.
- Delivered novel Research Landscape Monitoring tool as Product Owner; outcomes include reduced time for editorial investigations of "bad actors" and increased customer satisfaction with respect to data quality.
- Grew Patent Abstraction and Summarization Suite as Product Owner; delivered 6 machine learning models to automate content ingestion workflows, saving >$2M in 2022.

**Clarivate  -** Data Scientist **2019-2021**
- Delivered linear classifier for matching manuscripts to researcher records, with automated quarterly data updates and retraining. Reduced technical debt and retained first-in-class status, enabling $2M in annual revenue.
- Delivered improved GB Tree model for scholarly reference matching. 10% increase in automation, ~$0.5M in annual savings.
- Delivered GB Tree model for finding relevant researchers for email marketing product. Precision 50% greater than target. Reduced product delivery time by ~20% and mitigated tech debt for product with ~$3M in annual revenue

**Galvanize -** Data Scientist in Residence **2019**
- Worked with students in groups and individually to develop their data science skills and knowledge.
- Facilitated assessments, warmup sessions, team case studies, and individual projects.
- Contributed to development and refinement of Data Science curriculum.

**Fashion Institute of Design and Marketing -** Academic Coordinator **2007-2018**
- Optimized tutor scheduling through data collection and analysis, resulting in  15% increase in visits to learning center and greater student engagement.
- Developed alternative course scheduling plans for Business Management student to allow cohorts to start at any time of year.
- Worked with leadership team to develop and implement Student Success Seminar, resulting in increased performance from academically struggling students.

## EDUCATION

**Data Science Immersive,** Galvanize, San Francisco **2018**
**Master of Arts in Art History**, San Francisco State University, College of Creative Arts **2007**
**Bachelor of Fine Arts in Photography**, San Francisco Art Institute **1999**

## SKILLS

Machine Learning, Concept to Production; NLP; Deep Learning; A/B Testing; Statistical Inference; Python; Apache Spark; SQL; Git; Scala;  AWS

## SERVICE

San Francisco-Marin Food Bank, Volunteer, deliver food to families is need
826 Valencia, Volunteer Tutor for under-resourced students ages 6-18
National Laboratory for Education Transformation, CompareK12 Data Systems Advisor
Code for America, SF Brigade, Volunteer Data Scientist