

Jeremy Miller

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WORK EXPERIENCE

Clarivate - Product Manager, Data Science

2021-current

- Work with Product stakeholders to build out a backlog of valuable and viable Machine Learning projects; available projects exceeded team capacity by 36% for Q1 2022.
- Delivered vision for new Data Science Steering Group structure to ensure alignment between Product goals and Data Science projects; implementing vision in 2022 with buy-in from all levels of the Product organization.
- Enhanced communication pipeline with stakeholders to clarify and emphasize value provided to company by Data Science and Search team.
- Assumed ownership of Quarterly Business Review process for Data Science and Search team.

Clarivate - Data Scientist

2019-2021

- Improved XBGooSt model for scholarly reference matching. Expected ~10% increase in automation, ~\$100k in savings; in testing.
- Delivered custom Spark application to auto-generate document labels for clusters of scholarly documents with 0.92 precision on test dataset. Must-have feature for new product aimed at increasing customer retention.
- Collaborated with team members to produce custom Java library for bespoke term extraction use case, saving the company ~\$96k per year and allowing a ~\$15mil product to continue operating smoothly.
- Delivered updated linear classifier for matching manuscripts to researcher records, with automated quarterly data updates and retraining. Reduced technical debt and retained first-in-class status.
- Provided key algorithm in product with revenue ~\$100k per year, a Logistic Regression model for Natural Language document classification.
- More project details: <https://jeremymiller00.github.io/Jeremy-Miller/>

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 in 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