Jeremy Miller

415.902.6812 | jeremymiller00@gmail.com | San Francisco CA | LinkedIn | Github

WORK EXPERIENCE

Clarivate - Product Manager, Data Science   **2021-current**
- Worked 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 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

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