

Samuel Miller - Jr. Data Scientist

(530) 391-7606 | samuelmillerwriting@gmail.com | [GitHub](#) | [LinkedIn](#) | [HuggingFace](#)

I want to apply my skills in NLP, machine learning/deep learning, and creative writing to improve the way people work with AI. I am driven by data, collaboration, creativity, personal growth, and endless curiosity. I thrive in the yet undefined and technical and enjoy bridging the gap between data and stakeholders with my skills in creative writing, coding, and data visualization.

Core Language Python 3.x	Databases SQL, MySQL, PostgreSQL	Tools - Sci-kit Learn, Matplotlib, Numpy, Pandas, Jupyter, Colab	Frameworks - PyTorch, TensorFlow, HuggingFace
Version Control Git, Github	Project Management Trello, Asana	Operating Systems Linux	Other Skills / Interests NLP, Writing, Music

TECHNICAL PROJECTS

Solar Energy Output Prediction ([Github](#)) — Models determine ideal sites for solar energy development using machine learning models

* Watch my [Tech Talk](#)

- Built with: Python, Jupyter, Pandas, Numpy, Sci-kit Learn, Matplotlib, Seaborn

EDUCATION

CodingNomads — *Data Science + Machine Learning*
SEPT 2021 - DEC 2021

- Data Wrangling, Exploratory Data Analysis, Feature Engineering, Regression / Classification, Decision Trees, Deep Learning, Language Analysis, TF-IDF, Fine-tuning NLP models

CodingNomads — *Python Full Stack Engineering*
DEC 2021 - MARCH 2022

- Data Structures, Algorithms, Networking, Web Development, Authentication, Unit Testing, Software Engineering Best Practices

Portland State University — *Bachelor of Fine Arts in Creative Writing: Fiction*
MARCH 2016 - DEC 2022, Portland, OR

- Summa Cum Laude, Dean's List
- Fiction, Poetry, Non-fiction, Editing, Publishing

Proyecto Linguistico Quetzalteco — *Conversational Spanish, Latinx Literature & Music*
JULY 2018 - SEP 2018, Quetzaltenango, Guatemala

- Studying and performing Latinx Music Theory and Lyrical Composition

WORK EXPERIENCE

CodingNomads — Online — *Blog Writer/Technical Writer/Editor (Freelance)*
DEC 2021 - PRESENT

Works Published:

[How to Learn Python: The Beginner's Guide](#)

January 2022. Online.

[What Does a Data Scientist Do?](#)

June 2022. Online.

Self-Employed — Santa Cruz, CA — **Touring Musician / Band Manager / Event Planner**

JUNE 2009 - 2015, 2021-present

- Music Management, Promotion, Marketing, All-age Event Planning, Sound Engineering, Collaborative Musical and Lyrical Composition, Music Performance

Anarres Infoshop & Community Space — Portland, OR — *Co-founder / Collective Member*
SEPT 2014 - OCT 2017

- Founded a volunteer-run community center / all-age music venue / bookstore / lending library
- Facilitated community events such as: weekly needle exchange (Portland People's Outreach Project), all-age concerts, community skill workshops

No More Deaths • No Más Muertes — Tucson/Arivaca, AZ — *Humanitarian Aid Volunteer*
NOV - DEC 2013, JAN - FEB 2015

- Distributed supplies along remote travel routes and assisted at on-site medical clinic