**Samuel Miller - Jr. Data Scientist**

(530) 391-7606 | samuelmillerwriting@gmail.com | [GitHub](http://github.com/samuelmiller413)| [LinkedIn](http://linkedin.com/in/samuelmillerwriting) | [HuggingFace](file:///Users/admin/Documents/Work%20Docs/huggingface.co/SamuelMiller)

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 |
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| **Version Control** Git, Github | **Project Management**  Trello, Asana | **Operating Systems** Linux | **Other Skills / Interests** NLP, Writing, Music |

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# **TECHNICAL PROJECTS**

## **Solar Energy Output Prediction (**[**Github**](https://github.com/SamuelMiller413/data_science_ml_learning/tree/main/capstone)**)** —

## Models determine ideal sites for solar energy development using machine learning models

*\** Watch my[***Tech Talk***](https://www.youtube.com/watch?v=aFapydKwPcM)

* 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

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# **WORK EXPERIENCE**

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

**Works Published:**

[How to Learn Python: *The Beginner’s Guide*](https://codingnomads.co/blog/how-to-learn-python-the-beginners-guide/)

January 2022. Online.

[What Does a Data Scientist Do?](https://codingnomads.co/blog/what-does-a-data-scientist-do/)

June 2022. Online.

**Self-Employed** — Santa Cruz, CA — **Touring Musician / Band Manager / Event Planner**   
JUNE 2009 – 2015, 2021-preseent

* 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