Noam Miller

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noammiller99@gmail.com
Old GitHub: noammiller
Current GitHub: silascoder
Salsa: silascoder

SKILLS

Python · Java · C · OCaml
GNU/Linux · Git · ML
German · advanced
Spanish · advanced

CLASSES

CS	Algorithms and Data Structures
	Programming Systems
	Functional Programming
	Information Security
	Natural Language Processing
Physics	Integrated Science Curriculum
	Classical Mechanics
	Quantum Mechanics

PROJECTS

thesis	Wissenschaftlichkeit *in Freud: Scientific Reduction and the Ghost of the* Entwurf
COS 484	*Exploring the Performance of DINOs generated from pretrained language models* Lam, K., Miller, N., & Weisberg, D.
2018	*Leabra7: a Python package for modeling recurrent, biologically-realistic neural networks* Greenidge, C. D., Miller, N., & Norman, K.

EDUCATION

Princeton University — Princeton, NJ
A.B. German, *magna cum laude* — 2017 – 2022

- 3.9 GPA, Minor in Computer Science
- Allen G. Shenstone Prize in Physics (May 2019)
- Mary Cunningham Prize in German (Sept 2020)
- Victor Lange Senior Thesis Prize (May 2022)

Boston Psychoanalytic Society and Institute — Newton, MA
Community Partner — 2022 – ongoing

- Attend lectures and classes in psychoanalysis
- Also enrolled at Massachusetts Institute of Psychoanalysis

EXPERIENCE

OCaml Task Force — remote
Volunteer Sponsored Maintainer — Dec 2022 – ongoing

- Fix bugs, maintain and build packages for Debian distribution
- Worked through *The Linux Programming Interface* by Michael Kerrisk

Freelance — remote
STEM Tutor — Sept 2018 – ongoing

- Tutored for Princeton University, Princeton Tutoring, Wyzant
- Volunteered Petey Greene Program for incarcerated students

Columbia Law School — New York, NY
Legal Research Assistant — June 2020 – Aug 2020

- Analyzed SEC filings to track changes in corporate charters relating to *force majeure* in light of the 2008 recession and the Covid-19 pandemic

Humboldt University — Berlin, Germany
Research Assistant — July 2019 – Aug 2019

- Analyzed fish movement using neural networks
- Invented technique to identify low-resolution artifacts in the data

Princeton University — Princeton, NJ
Research Assistant — May 2018 – May 2019

- Developed Python library adaptation of the LEABRA algorithm for modeling of biological neural networks
- Worked with Git, Codecov, and other tools to ensure stable release of Python library