# Noam Miller


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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