DANIEL R. MCCLOY

206.890.0194 • dan@mccloy.info • https://dan.mccloy.info

OVERVIEW
- **Scientist**, open-source **software developer**, and **community manager**.
- Superb English **writing** and **editing** skills, especially on technical topics.

Currently I develop research software for neuroscience at the University of Washington's Institute for Learning & Brain Sciences, and lead the developer and user communities of MNE-Python.

SELECTED TECHNICAL SKILLS
- **Programming** in various languages (excellent **Python**; good **R**, okay **JavaScript**).
- **Collaborating** with git/GitHub, Trello, Slack, Discourse, Discord, and similar tools.
- **Designing** documents (with code) using Sphinx, Pandoc, Markdown, HTML, LaTeX, *etc.*

SELECTED WORK EXPERIENCE
- (2022-present) Research Scientist 4, I-LABS, U. Washington.
- (2019-2022) Research Scientist 3, I-LABS, U. Washington.
- (2013-2018) Postdoctoral Researcher (psychophysics/auditory neuroscience), LABS[N], U. Washington.
- (2008-2013) Graduate research/teaching assistant, Phonetics Lab / Linguistics Dept., U. Washington.

SELECTED EDUCATION & TRAINING
- PhD in Linguistics (2013), BS in Neurobiology & BA in Philosophy (2002), all at U. Washington.
- International Chinese Language Program (National Taiwan University, 2008).
- Software Carpentry Instructor Certification (Oregon State University, 2016).
- Community Engagement Fundamentals (CSCCE, 2023).

TEACHING EXPERIENCE
- **Lead Mentor**: MNE-Python New Developers Sprint (2021, 2022) and Intermediate Trainings (2023).
- **Instructor**: 10× git/Unix/Python/R workshops at UW eScience, BRI, and UMN (2016-2024).
- **Instructor**: 2× Introduction to Phonetics (senior-/graduate-level, U. Washington, 2010-2011).
- **Teaching Assistant**: 4× Introduction to Linguistics (sophomore-level, U. Washington, 2008–2009).
- **Instructor**: 2× "New Majors" proseminar in Philosophy (freshman-level, U. Washington, 2001-2002).

SCHOLARLY OUTPUT
14 Peer-reviewed articles (6 first-authored), 3 invited talks, 4 conference proceedings, 1 technical report, 14 conference presentations, 2 preprints. Full list here, comprehensive BibTeX here.

SELECTED SOFTWARE
- **Leader (BDFL)** of MNE-Python: human neurophysiology analysis software. (repo | PyPI)
- **Maintainer** of PyData Sphinx Theme: theme for software documentation websites. (repo | PyPI)
- **Creator** of phonR: phonetic analysis & visualization in R. (repo | CRAN)

SELECTED SERVICE, MENTORSHIP & OUTREACH
- **Reviewer**: 19 articles for 9 different academic journals (2007-2024).
- **Review Panelist**: National Science Foundation — POSE (2022).
- **Member**: LSA Committee on Scholarly Communication in Linguistics (2014–2018).
- **Volunteer**: Pacific Science Center's Paws On Science Weekend (2016).

SELECTED GRANTS, FELLOWSHIPS, AND AWARDS
- 2× grants (1, 2) from CZI Essential Open Source Software for Science, total $420,000 (2020-2023).
- NIH LRP award (2014–2016).
- FLAS fellowship, Modern Standard Chinese, U.S. Department of Education (2007–2008).