

Scott Huberty

Data Scientist | Pythonista | Open-source Developer

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EXPERIENCE

Vanderbilt University — *Statistical Programmer*

JAN 2024 - PRESENT

I develop, maintain, and apply statistical pipelines for MRI data to help scientists answer questions about child development.

Google / Python Software Foundation — *Summer of Code Fellow*

MAY 2023 - AUG 2023

I developed a [Python package](#) for analyzing eye-tracking data, including functions for convolutional transformations, visualization, and deep learning applications.

Montreal Neurological Institute — *Doctoral Scientist*

SEP 2017 - DEC 2023

I developed longitudinal models for infant brain development and created dashboards for reviewing neuroimaging data.

UCLA, Los Angeles — *Research Associate*

JUL 2014 - AUG 2017

I coordinated multiple research studies, helped to secure 1 million dollars in grant funding from the NIH, led participant recruitment, data collection and processing, and communicated milestones to key investigators.

EDUCATION

McGill University, Montreal — *Ph.D. (Cognitive Neuroscience)*

SEP 2017 - DEC 2023

University of Washington, Seattle — *B.A. (Psychology)*

SEP 2011 - JUN 2013

PROJECTS

[MNE-Python](#) — *Lead Eyetracking Developer*

[Lossless Pipeline](#) — *Core Developer*

Tech Stack

- **Python:**
 - Scientific & ML stack
 - PyTorch / Tensorflow
- **DevOps:**
 - Git
 - CI/CD
 - Version Control

ACTIVITIES

I am on the development team for these open-source projects:

[MNE-Python](#): the de facto Python neuroscience library

[Nibabies](#): MRI Processing for infant brains.

[PyLossless](#): Neuroimaging Processing pipeline that leverages deep learning.

[EyeLinkIO](#): Pure Python library to read eye tracking data from binary files

AWARDS

Google Summer of Code Fellowship: \$10,000 USD

Transforming Autism Care training award: \$20,000 USD