

## Curriculum Specialist - Deep Learning

We are looking for a temporary part-time curriculum specialist to help revise and improve our learning materials for our Deep Learning course. This role will help ensure that materials are interactive, engaging, functional, and accurate. They will work alongside a team of senior scientists to update materials based on student feedback and work with our technical team to ensure the materials are built and added to Github and our interactive websites and workbooks correctly.

In this role, you would work part-time for ~6-9 months to develop and refine these materials, help test the materials with student cohorts, and help with content feedback for our instructors. This year's course will be 13-24 July 2026.

### In this role, you will...

- Program tutorials in Python, utilizing the JAX library, and write narrative course content into Jupyterbooks. This includes interactive programming tutorials, questions to invoke group discussions, and lessons that include visual or graphic elements
  - The majority of course updates will be content reduction, with minimal new content being introduced
- Work with our Project Manager, Administrative Specialist, Software Engineer, Deep Learning Course Director, and Curriculum Chair to develop learning tutorials for our teachers and students
- Work with a team of global senior scientists to inform the design and learning goals of the tutorials you construct
- Use past feedback and gather additional feedback to update materials
- Upload or sync the materials with Github so that they are integrated into our course delivery system
- Track progress on your work in Asana, our project management tool
- Interact with software such as Airtable, Google Suite, Asana, and more. Don't worry if you don't know them! Neuromatch is all about teaching.

Beyond the value of helping to make accessible science possible, working with Neuromatch offers opportunities for professional development, networking, and public recognition. We love helping our team develop and enabling them to work on skills that they want to grow into.

## You Will Need

- Moderate to strong Python skills, particularly in JAX and within the context of deep learning and machine learning
- A background in deep learning and AI research
- Strong communication, writing, and presentation skills, including the ability to check and adapt language to be more easily understood by non-native English speakers
- An ability and desire to understand and accommodate cultural and personal differences
- An ability to learn new systems quickly
- A stable internet connection capable of supporting video conferencing and streaming

It is a bonus if you:

- Have a background in neuroscience
- Interested in or have a background in pedagogy or scientific teaching
- Familiar with Neuromatch (from being a volunteer, student, or similar)

## Benefits

- Fully remote - work anywhere in the world
- Fully flexible - work on your own schedule
  - Need to coordinate 2-3 meetings per week with US continental business hours
- Competitive and Transparent Pay (See our policy [here](#))

## What is Neuromatch?

Our mission is to accelerate scientific innovation by facilitating inclusive, collaborative, and global participation in the computational sciences. We do this by building and facilitating high-quality computational sciences courses, creating collaborative research programs, and providing networking and professional development opportunities. Learn more at [neuromatch.io](https://neuromatch.io).

## How to Apply

Please apply here: <https://airtable.com/appBGDTJHklqgEahl/shrS8wgxyGTmhpXXg>

We are very excited to build the future of scientific collaboration with you.