

Internship Opportunity:

Causality and Dynamics Analysis on Neural Data Using Deep Learning Methods

Interested? [Fill out this form!](#)

We are seeking dedicated and talented interns to join our team and assist with our project.



Responsibilities:

- Assist in developing and testing deep learning methods (mainly transformers) to analyze causality and dynamics in brain signals.
- Collaborate with our team to process the data, train models and visualize the results.
- Document research findings and present results to the team.

Qualifications:

- Currently enrolled in a Bachelor's or Master's program in Computer Science, Biomedical Engineering, Electrical Engineering, or any related field.
- Strong understanding of time series analysis and deep learning.
- Proficiency in **Python and/or MATLAB**
- Excellent problem-solving skills and a strong analytical mindset.
- Ability to commit to at least **two semesters**.

Hesam Azadjou

I am a 4th-year PhD student in the Alfred E. Mann Department of Biomedical Engineering, working under the guidance of Prof. Valero-Cuevas in the [Valero Lab](#). My research focuses on studying neural dynamics through deep learning methods, with potential applications in the medical field.

