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.