

Research Specialist in the Hasson Lab at the Princeton Neuroscience Institute

Overview

The Hasson lab in the Princeton Neuroscience Institute has an opportunity available for a research assistant. The Hasson lab is part of an exciting and growing trend in neuroscience that studies the neural activity that drives human behavior under natural and realistic conditions. Among other things, the candidate will work with ECoG data and machine learning algorithms on one of our flagship projects.

Ideal candidates should be highly motivated, driven, and work well in a team. Candidates with a strong background and in Computer Science, electrical engineering, physics, statistics, neuroscience, linguistics, or math, and who have experience in programming, software engineering, signal detection, and machine learning are highly encouraged to apply.

This is a one-year term position with the possibility of extension based upon satisfactory performance and continued funding.

Responsibilities

Responsibilities include:

- Supporting existing code-base. Applying existing analysis tools on current unique dataset of family life
- Preprocessing new data
- Analyzing datasets. Implementing deep conversation models on datasets. Implementing deep image models on datasets
- Developing new deep models for analyzing data
- Maintaining the analysis pipeline currently in development
- Using deep language models to encode and decode neural responses

Qualifications

Essential Qualifications:

Bachelor's degree plus >3 years of experience in Neuroscience, Psychology, Neurobiology, computer Science, Linguistics or related field.

Demonstrated experience in programming (Matlab, Python), software engineering, signal detection, and machine learning.

Ideal candidates should be highly motivated, driven, and work well in a team.

Preferred Qualifications:

Experience with research in the field of Computational Neuroscience, AI and Machine Learning Models.

This position is subject to the University's background check policy.

Princeton University is an [Equal Opportunity/Affirmative Action Employer](#) and all qualified applicants will receive consideration for employment without regard to age, race, color, religion, sex, sexual orientation, gender identity or expression, national origin, disability status, protected veteran status, or any other characteristic protected by law. [KNOW YOUR RIGHTS](#)

[Apply here!](#)