



Building brains through early talk

Linux-Based Development for Speech Technology Contractor – Remote

LENA is a game changer in early childhood. Research shows that back-and-forth interaction (conversational turns) between children and their adult caregivers in the earliest years is a key to school readiness and long-term outcomes. We integrate our patented “talk pedometer” technology into innovative programs to increase capacity of parents, caregivers, and educators in accelerating children’s language development, school readiness, and social-emotional health.

We are seeking an individual who is well versed with **scripting languages in a Linux environment** to support our technology developments and testing, completing comparative data analysis of sensor output. In this role, you would work with our engineering team to develop scripts in a Linux environment, test algorithm performance and quantify output data, and maintain a database to track progress throughout the various development stages, thereby guiding ongoing and future development. This role works directly with and reports to the Head of Technology Innovation. The work is fast paced, exciting, and requires great attention.

Qualifications:

- BS in a technical field such as engineering, computer science, applied Math or applied Physics with strong analytical skills.
- Strong programming skills and extensive experience developing Python and shell scripts under a Linux-based environment.
- Experience developing/maintaining databases to track experiments and related information.
- Experience with C/C++ and algorithmic development are desirable.
- Home office setup with excellent internet connectivity.
- Based in the continental U.S.

Skills/Attributes:

- Demonstrated ability to write Python and shell scripts in a Linux environment and analyze large datasets.
- Standout analytical focus and attention to detail.
- Organized with solid time-management habits and ability to carry out goals independently.
- Naturally inquisitive and eager to dig into data and system behavior to get to the bottom of things.
- Strong interest in learning and working with audio processing tools.
- Demonstrated commitment to producing high quality, well-designed, and flexible solutions.
- Excellent verbal and written communication skills.

LENA’s team is passionate, fun, and supportive. To learn more visit: www.lena.org/joinourteam. This is a contractor role with the potential for conversion to full time employee status. Rate is negotiable.

To apply, please submit cover letter with compensation requirements and resume as a single pdf document to hr@lena.org. LENA is an equal opportunity employer, and LENA encourages candidates from historically underrepresented groups to apply. All employment is decided on the basis of qualifications, merit, and business need. We are committed to building a team that represents a variety of backgrounds, identities, perspectives, and skills. The more inclusive we are, the better our work will be. EOE/M/F/D/V