Senior Intelligence Amplification (IA) Developer Position

Company Overview

TechMind Solutions is a leading technology company specializing in intelligence amplification systems that enhance human cognitive capabilities through advanced software solutions.

Position Description

We are seeking a Senior IA Developer to join our growing team. The ideal candidate will have extensive experience in developing and implementing intelligence amplification systems, with a strong background in cognitive computing and human-computer interaction.

Key Responsibilities

- Design and develop sophisticated IA systems that enhance human decision-making capabilities
- Lead the architecture and implementation of neural-cognitive interfaces
- Collaborate with cognitive scientists to optimize human-AI interaction patterns
- Mentor junior developers and provide technical leadership
- Evaluate and integrate emerging IA technologies into existing systems

Requirements

- Master's degree or higher in Computer Science, Cognitive Science, or related field
- 7+ years of experience in IA development
- Strong expertise in Python, TensorFlow, and neural interface protocols
- Experience with cognitive load optimization algorithms
- Proven track record of successful IA system implementations
- Excellence in cross-functional team leadership

Desired Skills

- PhD in relevant field
- Published research in IA or cognitive enhancement
- Experience with FDA compliance for cognitive enhancement software
- Background in neuroscience or cognitive psychology