Soar Technology, Inc.

Modeling human reasoning.
Enhancing human performance.

- Soar Technology Inc. (SoarTech) is a small business using cognitive architectures and other artificial intelligence techniques to build intelligent training systems.

- Michael van Lent Ph.D. is the CEO and leads SoarTech's Intelligent Training business unit.

- SoarTech is seeking a team to join for the Sirius opportunity.

Research Areas of Interest

- Evidence-based instructional design of immersive training
  - Dynamic Tailoring: Real-time student assessment and adaptation of the immersive experience
  - Game-based Instruction: Integration of instruction into the immersive experience (move the classroom into the game)
- Culturally-specific behavior
  - Cultural Cognitive Architecture: Modeling architecture representing cultural schemas, cognition and emotion based on cognitive and social psychology
  - Power Structure Tool Kit: Modeling architecture representing the power structure within and between organizations and individuals
- Development of Immersive Training Experiences
  - Light-weight, multi-platform immersive training: Web, iPhone/iPad, Android, PC
  - Heavy-weight, simulation-rich immersive training: VBS2, OneSAF, RealWorld

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Unique Qualifications

- SoarTech and SoarTech's staff have participated in or led the development of over 20 immersive training systems over the past 10 years.
  - Full Spectrum Command, Full Spectrum Warrior, ELECT BiLAT, ELECT UrbanSim, Two games for the National Counter Terrorism Center (NCTC)
  - Dr. van Lent was previously the Associate Director of Games Research at the USC Institute for Creative Technologies
  - SoarTech is currently developing immersive training systems for OSD/TACTRC and PEO STRI/Ft. Benning.
- Our core technology is the Soar cognitive architecture
  - An open-source cognitive architecture
  - Founded in Newell's Unified Theories of Cognition

Type of group we're seeking to join

- SoarTech seeks to join a team to contribute technology components and immersive training experience design expertise
  - Dynamic tailoring technology component
  - Intelligent tutoring component
  - Plug-and-play virtual humans
  - Educational experience design expertise
  - Game technology expertise
  - Architecture design expertise

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Contact Information

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