

# Alpha - Affective States & Learning

Sónar+D Innovation Challenge

# Alpha.company

# Our Challenge

Alpha challenges you to create a game with an agent that detects affective states and delivers adaptive content in real-time.

# Our Team



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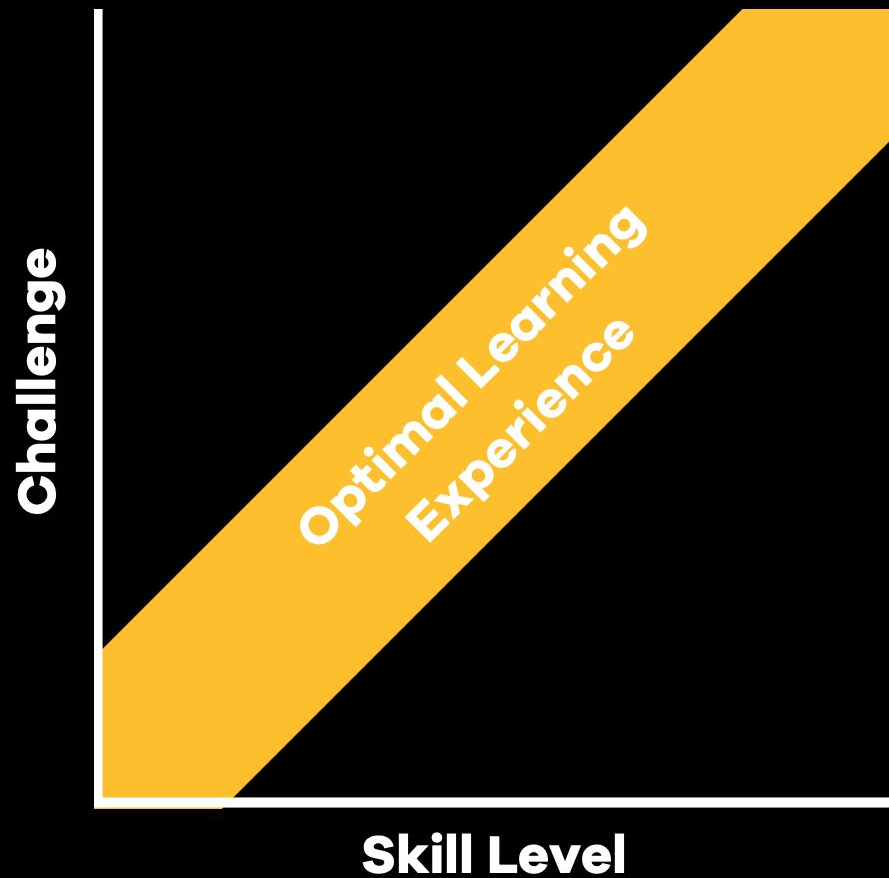
# Adaptive Learning

A “one-size-fits-all” issue within the space of education: not everyone learns the same...

By having experiences which adapt to **you** in both content and difficulty, you can learn **better, faster, and longer.**

# Building Adaptation

If we can detect stress and excitement, or what we can refer to as **Affective State**, we can **adapt** the content and difficulty of your learning experience.



# Our Process

## Performance



Bitalino



Arduino

## Adaptation

## Task



Speed



Rhythm



# Learning Interaction

# References

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