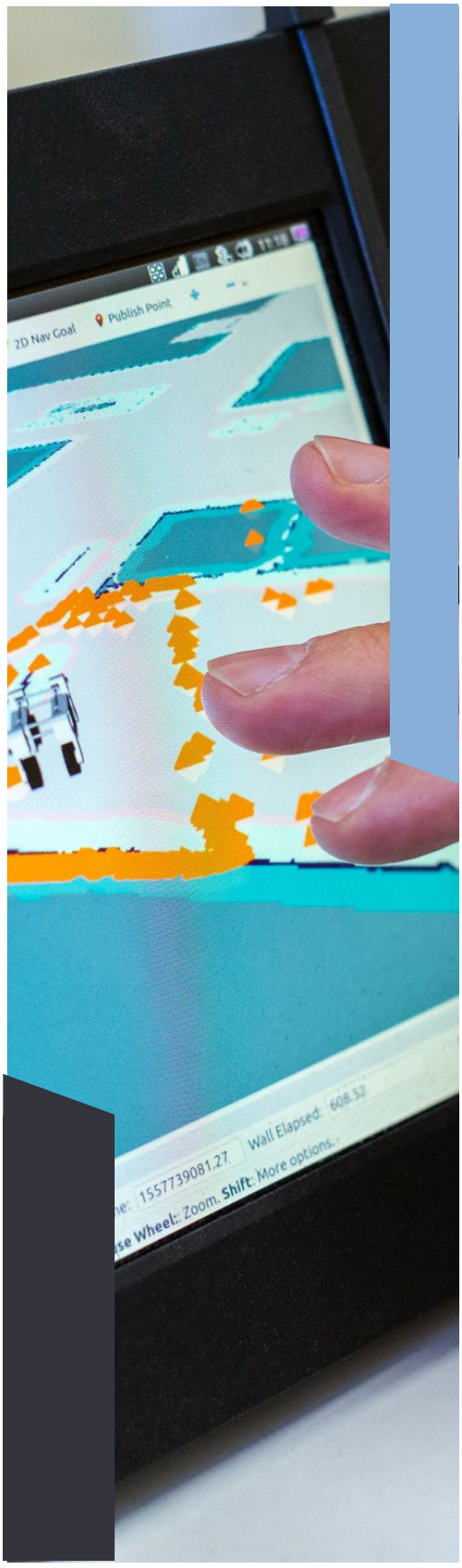
AI-Driven cognitive therapy platform



BRIEF

The founders of an online digital cognitive therapy platform aimed to develop a gaming platform specifically designed for individuals with neurodiverse conditions such as Autism Spectrum Disorder (ASD), Attention Deficit Hyperactivity Disorder (ADHD), and Dyslexia. They recognized the potential of leveraging artificial intelligence (AI) and machine learning to create an engaging and personalized experience that would help strengthen skill areas affected by these conditions. To achieve this, Lozard focused on utilizing the power of AI and machine learning to create a gaming platform that could effectively identify skill area deficits in individuals with neurodiverse conditions.

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ACTIONS TAKEN

Develop an AI system capable of analyzing user interactions, gameplay patterns, and performance data. By continuously monitoring and interpreting these inputs, the platform could identify specific skill areas in which the user may face challenges.

Based on the identified skill deficits, the AI system dynamically adapted the gameplay experience to focus on strengthening those particular areas. This adaptation involved modifying game mechanics, difficulty levels, and providing targeted interventions and exercises that specifically addressed the user's unique needs. The AI system continually assessed the user's progress and adjusted the gameplay accordingly to ensure optimal engagement and skill development.

OUTCOMES

Advanced algorithms analyzing user interactions, gameplay patterns, and performance data.

Dynamic adaptation of gameplay to target and strengthen specific skill deficits.

Increased user engagement and motivation through gamification and personalized experiences.

Continuous progress monitoring and data-driven insights for personalized treatment plans.