## Abstract Submitted for the MAR15 Meeting of The American Physical Society

Can you build intuition about quantum mechanics through a game? CHARLES TAHAN, None — We made an app called Meqanic for iOS. To the world, it is a pattern matching game whose rules are very unusual. In reality, it is a functional quantum simulator designed to visualize quantum states and to challenge the user to reconstruct them. The app was released on the Apple App Store in 2014. Here's what we learned.

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