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Project #35

# Self-solving Rubik's Cube

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Abstract

An internally powered, Wi-Fi connected, Internet-based, self-solving Rubik's Cube.

Challenges

- Designing a custom hollow Rubik's cube.
- Miniaturising electronics to ensure they fit.
- Minimizing the # of solving moves used due to limited battery capacity.
- Selecting a solving algorithm that is both fast and calculates an optimal solution.
- Choosing small motors that have enough torque to overcome friction between pieces.

