

# Rocket Control Board

- Custom hardware interface for computer game *Kerbal Space Program* designed from scratch
- Custom circuitry, programming, casing
- Devised SPI-controlled GPIO port extenders and UART communications
- Prototyped, tested, troubleshot, and refined custom designs
- SolidWorks, digital circuit design, C++, laser-cutting, soldering, 3D printing
- Created as a technical challenge and an immersive playing experience





