Specialized Cartesian robot – Mill

Leverage TI Launchpad and 3D Printer Booster pack to build (and modify software for) a specialized Cartesian robot - mill

Mill - The simplest application of a Cartesian coordinate robot is used in milling and drawing machines where a pen or router translates across an x-y plane while a tool is raised and lowered onto a surface to create a precise design.

Check out an example - Design and Development of Cartesian Robot for End Milling - M.Tech Robotics Project SRM University

https://www.youtube.com/watch?v=P0EvSO4FQJg

A high path accuracy robot mills an aluminum part.