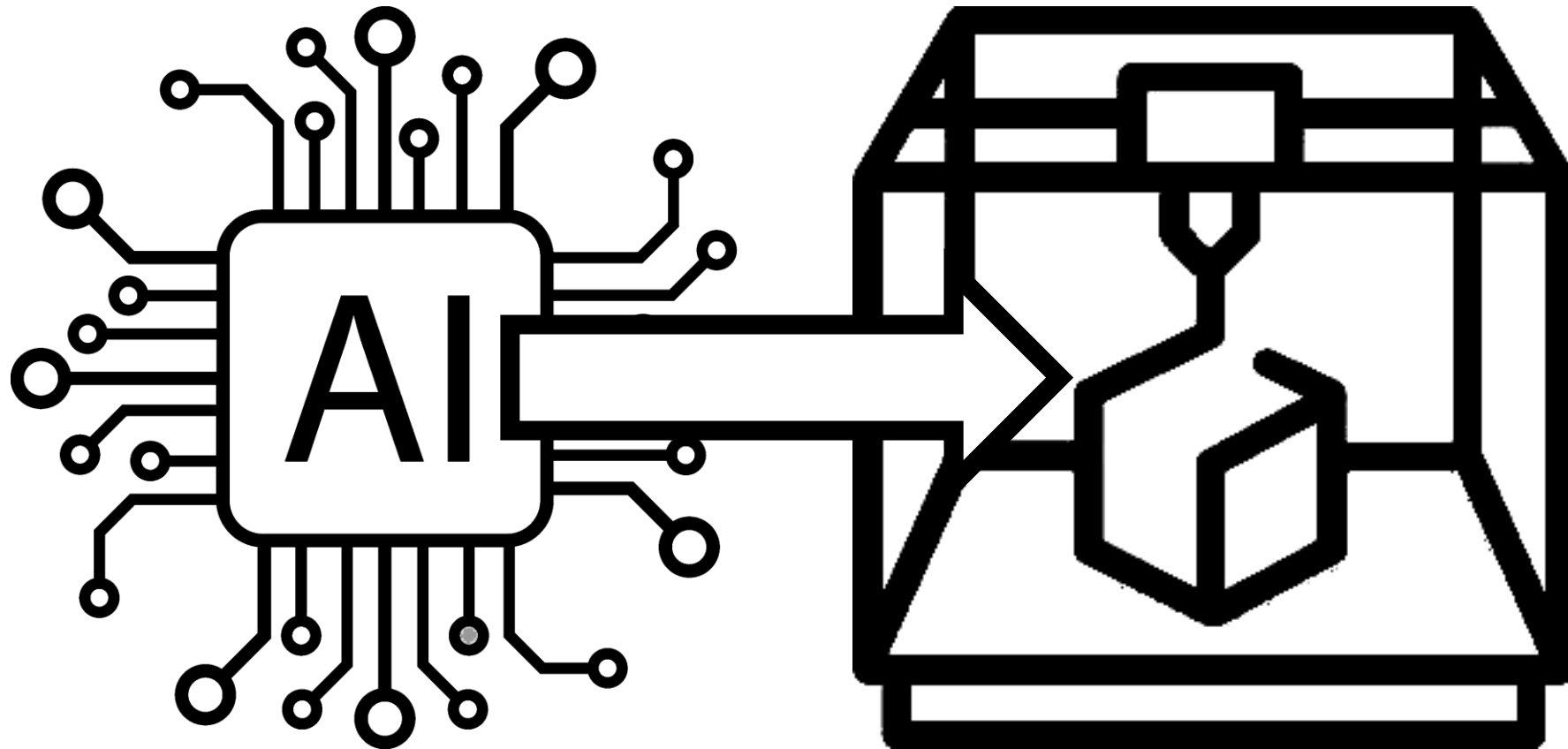


AI-2-Print

By: Phillip Goldberg



What would AI-2-Print Be?



TEXT TO FILE PROGRAM THAT
WILL GENERATE A STL MODEL



FILE CAN THEN BE USED TO
GENERATE GCODE



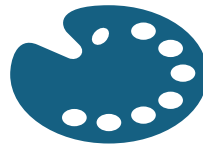
GCODE IS THE CODE THAT 3D
PRINTERS USE.

Who would use AI-2-Print?



3D printing hobbyists

To print generated files



3D modelers and artists

To build a model foundation



Engineers

To brainstorm and prototype

What is the motivation?



Make 3D printing more enjoyable



Provides a pathway from start to finish



Use 3D model marketplaces like Thingiverse less



For my personal enjoyment

Giving me a new approach

Implementing AI in my personal projects

What are the features going to be?

Will use Sharp-E and OpenAI: <https://github.com/openai/shap-e>



Text prompt that describes to describe the model

A well programed System prompt

Program Output to an organized file structure

Images rendered for each file

Optional ** Create code file using a users .fff printer profile **