

Wine Shelf

Guðjón Hrafn Þórarinnsson

Sara Rós Alfreðsdóttir

Stefán Rafn Gunnarsson

In the course Manufacturing Processes, at the University of Iceland, our final project was to design and make something large with CNC milling, as well as CNC mold making. After a few hours of brainstorming we decided to make a wine shelf, since we all have a love for wine. The size of the wine shelf is 860x300x140 (mm) and is made with plywood. What makes our design unique are the grapes in the middle of the rack, together with the "RED" and "WHITE" engravings. In this project we were supposed to create a mold for the grapes but due to lack of time we had to 3D print the design, which came out well. The grapes are fastened to the shelf with a cylinder which goes through a 14mm hole that was milled. We were all very pleased with the final outcome which can be seen here below.



Figure 1. Final outcome



Figure 2. Design for wine shelf



Figure 3. Design for grapes