

TRISTAN ANTONSEN

DESIGN & DEVELOPMENT ENGINEER

Three projects that do a relatively good job at displaying the skills I would like to showcase. Some engineering, some design.

Chicago, IL
(217) 372-8461

tristan.antonсен@gmail.com
TristanAntonsen.com

All-Additive TPA Lattice Shoe

Prototype | Base Sneaker Jerry O'Leary

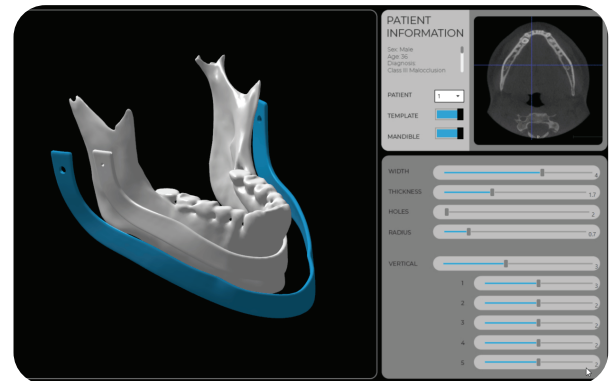
- 100% Co-printed in TPA material with HP Multi-Jet Fusion
- Woven lattice upper
- Methodology and scripts to create the woven custom lattice and midsole. Midsole lattice is 100% conformal and continuous around the perimeter and through the center.
- Photorealistic product rendering



Custom Implant Generator & GUI

Prototype | Functional

- Automatically generate implant geometry conformal to loaded patient model with holes normal to bone surface
- Adjustable parameters controlled by user input



Forged Steel Leaves

Blacksmithing | Art

- Best-selling production item from 2017-2019
- Over 300 individually handmade and sold
- Variant of classic blacksmithing design

