CSE 340 Winter Quarter 2020 2/12/2020

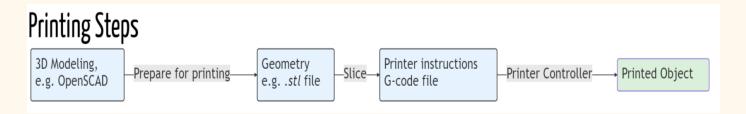
Professor: Dr. Jennifer Mankoff Note-taker email: jial8@uw.edu

Week 6 Lecture 2

3D Printing + Physical Computing

Notes

- 3D printed car \rightarrow carbon-fiber-based material + mix of other materials
- fabrication technologies are not as fast, reliable, or cheap as traditional printing, 3D printing material range is limited
- not food-safe, filament has micro-chasms → bacterial growth
- do not 3D print for food handling, safety critical tools, high heat tolerance



Research Goal: improve 3D printing to help users make useful objects more easily.

- Phone touch = human finger/capacitor connected to circuit to activate something

Conclusion: physical computing gives us new ways to interact, sense information, combine and modify devices.