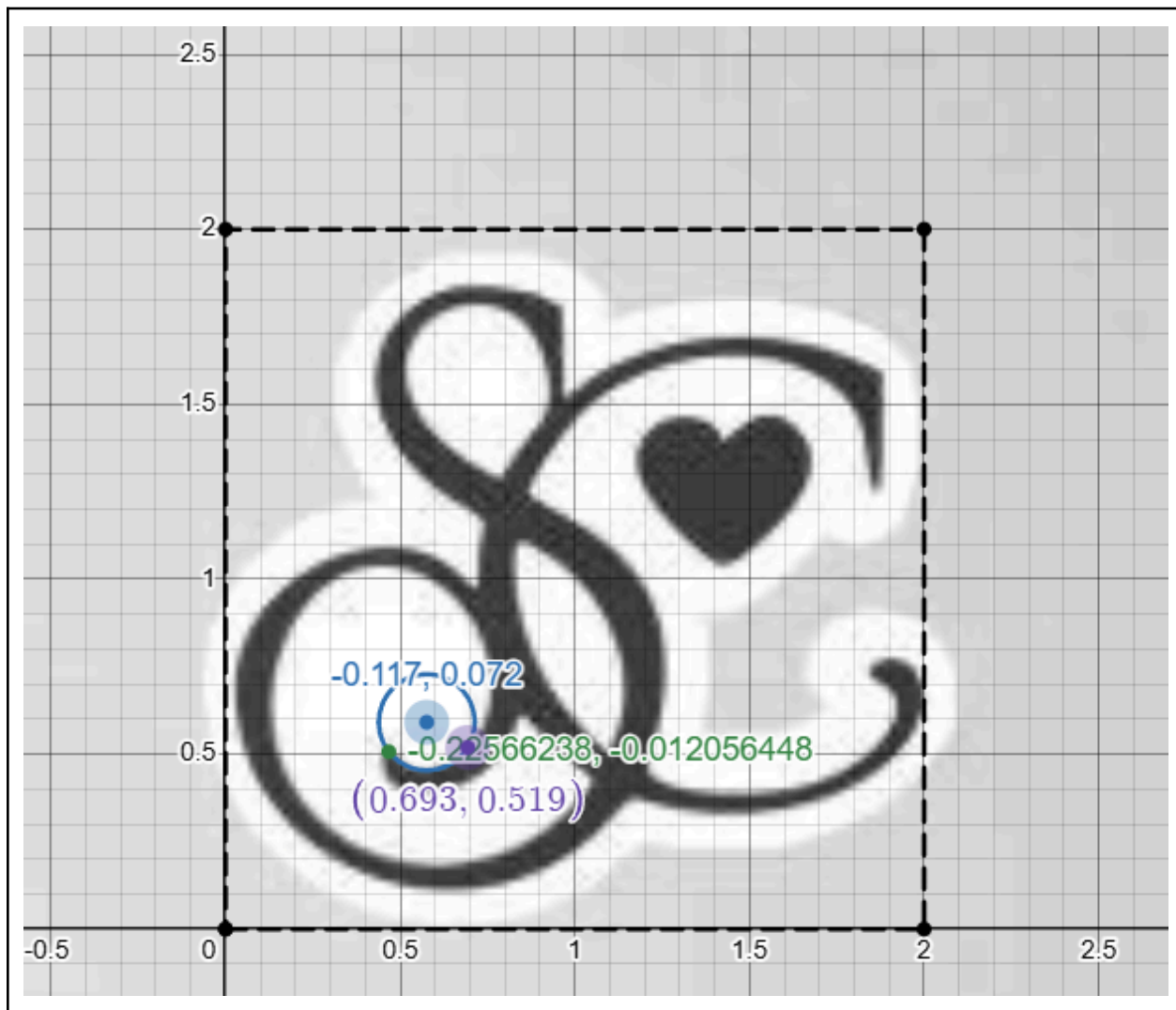Jeide, Matthew
Guzman
CIM, Period 2
1 November 2025

[Sketch/Draft Code] CNC Super Hero Logo

Sketch (Desmos)

Code Draft

```
G90 G20
G00 X0.5 Y0 Z1; starting absolute position
G91
G01 X0.4536 Y0.524; relative starting point
G01 Z-1.25; plunge
G03 X0.22887 Y-0.04674 I0.1334 J0.0695
G03 X0.10268 Y0.34889 I-0.202 J0.249
G03 X-0.7125 Y-0.05843 I-0.347 J-0.124
G03 X1.04517 Y0.20645 I0.557 J-0.071
G03 X-0.33345 Y0.22811 I-0.621 J-0.55
G02 X-0.28583 Y0.33259 I0.2 J0.461
G02 X0.45034 Y0.1678 I0.246 J0.028
G02 X0.01292 Y-0.27869 I-0.59 J-0.167
G03 X0.94339 Y-0.94815 I0.517 J-0.429
G03 X0.074779 Y0.14934 I-0.149 J0.168
G03 X-0.09554 Y0.08208 I-0.071 J0.014
G00 Z1.25; retract
G00 X-0.89532 Y0.73375
G01 Z-1.25; plunge
G02 X0.78081 Y0.1265 I0.48 J-0.49
G01 X0.119045 Y-0.09884; resorting to a straight line
G01 X-0.0032 Y-0.1875
G00 Z1.25; retract
G00 X-0.4317 Y0.0893
G01 Z-1.25; plunge
G03 X-0.2240 Y-0.13075 I-0.114 J-0.062
G03 X0.2096 Y-0.2232 I0.426 J0.19
G03 X0.2599 Y0.2681 I-0.325 J0.575
G03 X-0.24125 Y0.0934 I-0.124 J0.038
G00 Z1.25; retract
M30
```