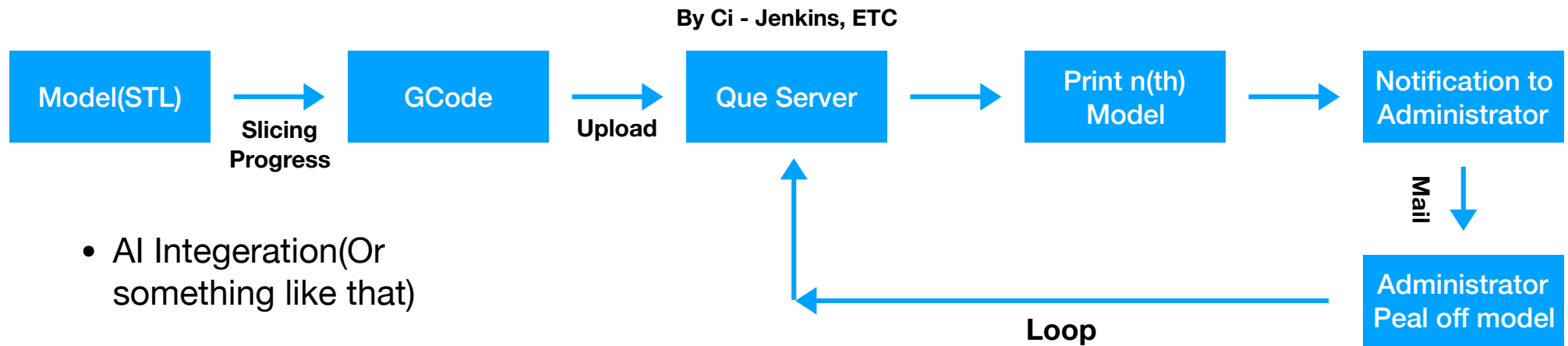


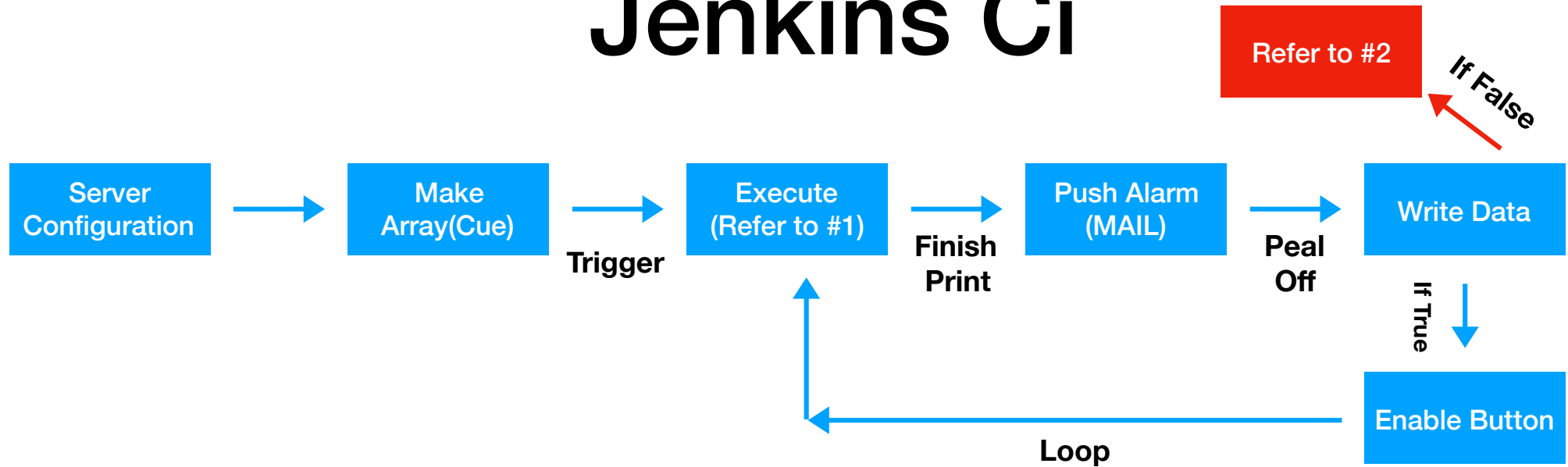
3D Printing Automation

Process(Alg)



- AI Integeration(Or something like that)
- Get Failure/Success state and predict(GetAverage) next print
- GetAverge implemented, goto —> GetHumidity

Jenkins Ci



- #1: Bash or Trigger print in specific way
- #2: Disable Next Trigger Button OR Send Alert to Administrator

Things we need (Overall System)

- Ci System - something like Travis, Jenkins
- Dataset(Success/Failure) Store
location(Excel Maybe)
- Failure Eq = $\text{Failure} / \text{total} * 100$

Things we need(APP)

- Cue View
- Upload to Cue
- Print Cue
- Prediction of next printing
- Alarm(sort of)
- C Basics(Well, Intermediates actually;)