

sdmay23-28: Digital Chip Fabrication

Week 6 Report

October 31 - November 6

Team MembersKatherine Gisi — *Team Lead*William Zogg — *Documentation / SNN Design*Fulai Zhu — *Documentation*Tyler Green — *Setting up CI in GitLab*Aaron Sledge — *Software tool research and documentation***Summary of Progress this Report**

Furthered our design for our leaky integrate and fire neuron model

Pending Issues

Unsure about how exactly to write up the document our client wants

Plans for Upcoming Reporting Period

Continue updating and revising documentation that our client wants by the end of 2023

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Katherine Gisi	Met with Duwe to go over design methods. Watched course videos on digital design. Started defining our design	8	0
William Zogg	Worked on documentation and started brainstorming of RTL methods to use for SNN design.	4	
Fulai Zhu	Finish the mid-term peer review, learned and wrote the reflection on IEEE ethic. Do more research on SNN.	4	
Tyler Green	Learned how we can have regression testing in GitLab by running testbenches on design on each commit	4	0
Aaron Sledge	Started documentation that our client wants by the end of 2023	4.5	

Gitlab Activity Summary

Nothing to report.
