

sdmay23-28: Digital Chip Fabrication

Week 5 Report

October 24 - October 30

Team MembersTyler Green — *Software tools for testing*Katherine Gisi — *Team Lead*William Zogg — *SNN Design*Fulai Zhu — *Documentation*Aaron Sledge — *Software Tool Research and Documentation***Summary of Progress this Report**

Tested a possible implementation of neuron model in caravel harness

Started design of a neuron

Pending Issues

Still attempting to understand how to use SNN torch as well as how it will fit into our project

Questions about the documentation our client wants from this project

Plans for Upcoming Reporting Period

Understand SNN torch better

Get started on the documentation that our client wants from us

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Tyler Green	Made a neuron in caravel to test a design, then used gtkwave to analyze the output	4	0
Katherine Gisi	Tried to harden a neuron from previous Open Source design. Started designing a neuron.	5	0
William Zogg	Made modifications to neuron design based on advice received in team meeting.	4	
Fulai Zhu	Help to finish Design Document - Proposed Design. All tools set up.	4	
Aaron Sledge	Helped finish proposed design document as well as finished hardening and running tests on adder to note results.	4	

Gitlab Activity Summary

Nothing to report.
