

**sdmay23-24: Quantum Computing**

Week 6 Report

October 31 - November 4

**Team Members**Nicholas Greenwood — *Admin / Qubits*Arvid Gustafson — *Physical design*Jacob Frieden — *Admin assistant / QML*Emile Albert Kum Chi — *Physical Design*Colin Gorgen — *Quantum Gates / Physical*Sam Degnan — *Error Correction***Summary of Progress this Report**

This week, we presented on our findings from the past week. Each of our individual contributions can be viewed below. Additionally, Gavin (grad student) explained his paper that he recently published. Lastly, we talked about our individual ethics assignments and how we are doing with respect to those elements.

**Pending Issues**

NA

**Plans for Upcoming Reporting Period**

Further refinement of simulations, Creating a more comprehensive design schematic

**Individual Contributions**

Team Member	Contribution	Weekly Hours	Total Hours
Nicholas Greenwood	Researched and presented ontology subjects	8	0
Arvid Gustafson	NA, left early	1	0
Jacob Frieden	Talked about quantum simulation	8	0
Emile Albert Kum Chi	Talked about physical construction and sought understanding of ramifications of RF alignment on interference	8	0
Colin Gorgen	Talked about laser addressal and physical implementation	8	
Sam Degnan	Symptom Diagnosis in error correction, we did not catch him up	3	

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**Gitlab Activity Summary**

Nothing to report.

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