

**sdmay23-24: Quantum Computing**

Week 7 Report

November 7 - November 11

**Team Members**Nicholas Greenwood — *Admin / Qubits*Jacob Frieden — *QML / Design*Sam Degnan — *Error Correction / Software Dev*Arvid Gustafson — *Design*Colin Gorgen — *Physical implementation*Emile Albert Kum Chi — *Physical Implementation***Summary of Progress this Report**

We discussed Gavin's code that he translated into C++, talked about next steps for the code, and talked about next steps for the project.

**Pending Issues**

NA

**Plans for Upcoming Reporting Period**

Everyone will have mini-presentations on various subjects for next week. Remaining meeting dates are:

November 17th, We will meet

November 24th, (Thanksgiving) We won't meet

December 1st, We will meet

December 8th, We may meet (TBD)

December 10th - January 18th, We won't meet

**Individual Contributions**

Team Member	Contribution	Weekly Hours	Total Hours
Nicholas Greenwood	Discussed software, overall simulation next-steps, and new ideas	5	0
Jacob Frieden	Read HOA paper and discussed qualms	8	0
Sam Degnan	Read about Error Correction and discussed intricacies of Gavin's simulation	8	
Arvid Gustafson	Read HOA and discussed design	5	0
Colin Gorgen	Discussed physical implementation	3	
Emile Albert Kum Chi	NA, wasn't at meeting	1	0

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**Gitlab Activity Summary**

Nothing to report.

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