

Qiskit Mentorship

Issue-1

Mentor: Frank Harkins

Mentee: Kavitha Yogaraj

HHL Algorithm

- Learning the Algorithm itself
- Ran the tutorial in local & in IBMQ
- Reading qiskit text book on this chapter
 - https://qiskit.org/textbook/ch-applications/hhl_tutorial.html
- Reading Oreilly HHL section
 - <https://learning.oreilly.com/library/view/programming-quantum-computers/9781492039679/>
 - **Chapter 13. Quantum Machine Learning**
 - **Solving Systems of Linear Equations**

Issues we are working

- <https://github.com/qiskit-community/qiskit-textbook/issues/335>
- Investigation :
 - The initial investigation on this issue is
 - Discovered the issue is not a problem with code but explanation
 - Frank helped me to understand this in the sessions.
- What's next :

Frank has asked me to write an explanation to be included in the HHL chapter

Issues we are working

- <https://github.com/qiskit-community/qiskit-textbook/issues/883>
- A miscalculation in the HHL textbook
- I am working on this issue with my teammate Abhijit Mitra