6103 S University Ave. Chicago, IL 60637 (408)597-4214

March 15, 2020

**QURIP** Internship

## Dear QURIP,

Almost every quantum scientist knows Feynmans holy quote, "Nature isn't classical, dammit, and if you want to make a simulation of nature, you'd better make it quantum mechanical".

In senior year of high school, I was taking AP Computer Science Principles and we had to do two presentations. I did my first presentation on convolutional neural networks and my second on quantum computing. I didnt realize until I learned more about complexity theory and big-O notation in college how amazing quantum systems are. This profound and numinous field of study is racing to Landauer's limit and has given me an exponentially greater appreciation for the beauty of nature.

I'm hoping to contribute some meaningful addition to helping us use NISQ devices to improve lives around the world. As founder of the UChicago Quantum Society, I am hoping to bring back insights in how to communicate scientific works to general audiences and help grow the community of the quantum-curious.

Sincerely, Anand Jain University of Chicago 2021 anandj@uchicago.edu