

*Undergraduate student in computer science and physics committed to research in quantum optimization and quantum machine learning. Two years of experience with quantum computing research and four research projects. I am currently conducting research to create a quantum analog of a neural network via 1) The quantum approximate optimization algorithm (QAOA) and 2) Adiabatic Quantum Computing (AQC). I believe that quantum computing is the key to creating algorithmically faster heuristic algorithms. I am interested in machine learning, quantum computing, and nuclear physics; I have relevant coursework and experience in the former two, and plan to self-study the latter.*