NSF QLCI-HQAN Industry Internship Program 2021-22

Internship opportunity at Xanadu Quantum Technologies

Xanadu is a partner in the NSF-funded Quantum Leap Challenge Institute (HQAN), Director Brian DeMarco in Physics at the University of Illinois.

Xanadu Quantum Technologies is a Canadian quantum computing hardware and software company headquartered in Toronto, Ontario. Xanadu develops cloud accessible photonic quantum computers and develops open-source software for quantum machine learning and simulating quantum photonic devices.

The "Xanadu Residency" program is based in Toronto, Canada.

- 16-week paid internship for the summer of 2022
- Open to undergraduate students, graduate students, and postdocs
- Program runs May-August 2022. The Quantum Bootcamp will take place in the first week of May
- About 15 or 16 interns from around the world interned in 2021. Xanadu is welcoming even more in 2022
- 3 areas of interest:
  - Theory research
  - Software development
  - Educational materials development
- Full details, including how to apply, and FAQs on the webpage: https://residency.xanadu.ai/
- Include (in addition to CV/resume) a statement about your background, and your interests, what you would like to work on with Xanadu
- Application deadline is December 15, 2021

- NOTE: **Hardware internships** at Xanadu are typically 8 months minimum and are considered separately from this program. So, they are done on a very selective basis, and the timing during the year is flexible too.