



# Aaron Kuan

**Graduate Institution:** Harvard University

**Graduate Discipline:** Applied Physics

**Hometown:** Chappaqua, NY

**Relevant SC Research:** Biological and Environmental Research

## Research Interest:

My research is focused on solid-state nanopores – simple nanoscale devices with broad potential impacts in genomics and nanotechnology. Currently, I am developing solid-state nanopores as a platform for ultra-fast, single-molecule DNA sequencing. The project lies in the intersections of nanotechnology, materials science, and biophysics.

## About Me:

I'm a rising 3rd year graduate student Applied Physics at the Harvard School of Engineering and Applied Sciences. Previously, I studied physics at Harvard College (BA) and violin performance at New England Conservatory (MM). Before beginning graduate school, I performed research at Cambridge University, Harvard College, and IBM Watson Research Center. My current

research interests focus on solid-state nanopores as a platform for single-molecule DNA sequencing.

In addition to my academic work, I am an active conductor and violinist. I am music director of the Dudley House Orchestra, affiliated with the Harvard Graduate School of Arts and Sciences, and perform as a violinist in various chamber groups and orchestras in Boston.



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