

Patrick Gallagher



Graduate Institution: Harvard University

Location: Cambridge, MA

Graduate Discipline: Condensed Matter Physics

Hometown: San Jose, CA

Research Interests:

I am interested in experimental condensed matter physics. As an undergraduate, I carried out experimental studies of the electronic transport properties of nanoscale systems including graphene nanoribbons and topological insulators. I remain interested in transport measurements of novel materials, especially at the nanoscale, and I may continue with similar work in graduate school. But I am also interested in spin qubits in quantum dots and nitrogen-vacancy centers in diamond, and I am considering working with some of these systems as a graduate student.

About me:

I attended Stanford University as an undergraduate. In my first and second years, I worked in the Stanford Robotics Lab under Prof. Andrew Ng, and in my second, third, and fourth years I worked in Prof. David Goldhaber-Gordon's lab in the physics department. After graduate school at Harvard, I hope to continue my experimental physics research either in academia or in industry. In my spare time, I enjoy modifying cars and racing them at autocross events.



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