

Kunal Mehta



Graduate Institution: Stanford University

Location: Stanford, CA

Graduate Discipline: Bioengineering

Hometown: Rancho Santa Margarita, CA 92688

Research Interests:

My general interest is in employing biological structures and processes in engineered systems to enable the production of various chemicals, including energy carriers, by environmentally sustainable methods. My current project involves developing and characterizing a system of proteins that could be used to produce molecular hydrogen in bacteria. I'm also interested in physics and engineering applications related to membrane proteins, and single-molecule DNA sequencing technologies.

About me:

I've just completed my first year as a PhD student in Bioengineering at Stanford. I'm active in our local Biomedical Engineering Society chapter. After finishing the PhD, I plan to work in a small biotechnology company. At some point in my career I also want to work in a teaching capacity, perhaps at a liberal arts college or community college. Outside of work, I enjoy landscape/architecture photography and music. Last year I played the violin in the pit orchestra for one of Stanford's theatrical production societies, as well as a more conventional symphony orchestra. I also very much enjoy traveling, and try to see new places whenever I can.



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