

Siddharth Venkat

Graduate Institution: Harvard University

Graduate Discipline: Theoretical Physics

Hometown: Herndon, Virginia

Relevant SC Research: High Energy Physics



Research Interest:

My current research interest is the AdS/CFT correspondence. The correspondence is a mapping between quantum gravity in Anti-deSitter spacetime and an associated quantum field theory on the boundary. Originally inspired by string theory, this mapping has been used to study systems

that arise in the context of condensed matter theory. I plan on exploring this connection between quantum gravity and condensed matter theory to better our understanding of both areas.

About Me:

My long term goal is to become a professor and find new applications of mathematics in the realm of theoretical physics. When I'm not working on physics, I spend most of my time cooking or exercising. I have also developed a recent interest in hiking.



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