

# Parampreet Singh

## Curriculum Vitaé

Website: [parampreetsingh.github.io](https://parampreetsingh.github.io)  
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## Research Interests

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Astro-particle physics; dark matter detection & theories

## Education

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**H.B.Sc.**, Astronomy & Physics Specialist, University of Toronto (UofT) Sept 2017 – June 2021  
Undergraduate thesis entitled “*What Local Magnetic Fields Can Teach Us About A Possible Supernova Remnant (G182.5-4.0)*” supervised by Dr. Jennifer West, Jessica Campbell, & Prof. Bryan Gaensler

## Scientific Presentations

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Presentations .....  
April 2021    **Undergraduate Research Course** (presentation); UofT (*virtual*)

## Research Experience

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Undergraduate .....  
2020 – 2021    **Undergraduate Research Course**, UofT  
                  “*What Local Magnetic Fields Can Teach Us About A Possible Supernova Remnant (G182.5-4.0)*” supervised by Dr. Jennifer West, Jessica Campbell, & Prof. Bryan Gaensler  
                  [Written Reports](#)

## Extracurricular Activities

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Academic Service .....  
2017 – 2020    **Physics Student Union (Junior Member)**, UofT  
2018            **Volunteer Note Taker**, Accessibility Services, UofT  
Programs .....  
2021            **ACT Data School**, UofT (*virtual*), ([link](#))  
2020 – 2021    **Undergraduate Mentorship Program**, Dunlap Institute, UofT (*virtual*)  
Events .....  
2021            **Orange Shirt Day - National Day for Truth and Reconciliation**, UofT (*virtual*)  
2021            **Annual Dunlap Retreat**, UofT (*virtual*)  
2021            **Recreational Astronomy Night Meeting**, RASC, UofT (*virtual*)  
2021            **Planet Party!**, Dunlap Institute, UofT (*virtual*)  
2021            **H.L. Welsh Lectures in Physics**, Department of Physics, UofT (*virtual*)  
2020            **Mars Opposition Star Party**, RASC, UofT (*virtual*)  
2019            **AstroTour: Sensing Hidden Signals with Pulsars**, Dunlap Institute, UofT  
2019            **See the Unseeable: A Black Hole Discovery Conversation**, University of Waterloo  
                  Faculty of Science (*livestream*)  
2019            **Sidewalk Astronomy**, UTAAS, UofT  
2018            **AstroTour: Cosmic Rays: Astrophysics at Maximum Energies**, Dunlap Institute,  
                  UofT  
2018            **AstroTour: Simulating the Universe**, Dunlap Institute, UofT  
2018            **Perseids Meteor Shower Viewing Expedition**, UTAAS, UofT