

# Parampreet Singh

## Curriculum Vitaé

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

GitHub: [github.com/astroprince](https://github.com/astroprince)

Email: [parampreet\\_singh@hotmail.com](mailto:parampreet_singh@hotmail.com)

## Research Interests

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Particle & Astro-Particle Physics; Dark Matter Direct Detection

## 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

## 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](#)

## Scientific Presentations

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

## Extracurricular Activities

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Academic Service .....  
2017 – 2020      **Physics Student Union (Junior Member)**, UofT  
2018              **Volunteer Note Taker**, Accessibility Services, UofT  
2017 – 2018      **University of Toronto Amateur Astronomer’s Society (Junior Member)**, UofT  
Programs .....  
2022              **GUINEAPIG Workshop on Light Dark Matter**, TRIUMF (*virtual*)  
2022              **Summer Particle Astrophysics Workshop**, Arthur B. McDonald Research Institute  
                         (*virtual*), ([link](#))  
2021              **ACT Data School**, UofT (*virtual*), ([link](#))  
2020 – 2021      **Undergraduate Mentorship Program**, Dunlap Institute, UofT (*virtual*)