

Berkin Gurbuz – CV

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German, Turkish, 22 Years Old.

Education

- McGill University. Montreal, Canada. (September 2024 – Ongoing)
Master of Science. Physics (Thesis).
Advisors: Katelin Schutz, Robert Brandenberger.
- University of Toronto, St. George. Toronto, Canada. (September 2020 – April 2024)
Honours Bachelor of Science. Physics and Mathematics.
3.94 Final CGPA
Advisors: David Curtin, Chris Matzner.
- Eyuboglu High School. Istanbul, Turkey (September 2016 - June 2020)
International Baccalaureate Bilingual (English/Turkish) Diploma. 39/45

Awards

- University of Toronto International Scholar Award and Scholarship
- University of Toronto Academic Excellence Award
- C.L. Burton Scholarship For Mathematics and Physical Sciences
- F.I.R.S.T. Robotics Competition Istanbul Regional Finalist
- BL4S 2024 Outreach Proposal Award

Research Experience

- Stable and Embedded Domain Walls in Dark Matter Models (2024 - Ongoing).
With Katelin Schutz and Robert Brandenberger.
- [Electromagnetic Signatures of Mirror Stars](#) (2022 - 2023).
With David Curtin and Christopher Matzner. Published in The Astrophysical Journal.

Work Experience

- Teaching Assistant at McGill University Phys230 (2024 Fall).
- Research Assistant at the University of Toronto's Department of Physics (2022-2023).
- Research Assistant at the University of Toronto's Department of Astrophysics (2023).

Certifications

- Cisco Entry Technician

Mentorship

- CERN Beamline For Schools – Team Weyl Hunters. Awarded the “BL4S 2024 Outreach Proposal Award.”