Rundong Zhou
Curriculum Vitae

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EDUCATION

Bachelor of Applied Science in Engineering Science	2021
Major in Engineering Physics	Major GPA 3.59
University of Toronto	Toronto, Canada

Candidate for **Master of Science**	expected 2024
Major in Complex Adaptive Systems	
Chalmers University of Technology	Gothenburg, Sweden

HONOURS AND AWARDS

Avancez Scholarship — 2022
Chalmers University of Technology
- 75% tuition fee reduction.

Undergraduate Research Fellowship — 2018
Canadian Institute for Theoretical Astrophysics
- C\$ 2000 per month for four months.

Dean's Honour List — 2015 Fall
University of Toronto — 2016 Fall
- Pass with >80% average. — 2020 Fall
2021 Winter

RESEARCH EXPERIENCE

Summer Undergraduate Research Program — May - September 2018
Canadian Institute for Theoretical Astrophysics — Toronto, Canada
Supervisor: Prof. Norm Murray
- Data analysis on Galactic Legacy Infrared Midplane Survey Extraordinaire (GLIMPSE) database.

Undergraduate Thesis   September 2020 - April 2021
Department of Physics, University of Toronto   Toronto, Canada
Supervisor: Prof. Nicolas Grisouard
    - A novel spectral method to solve fluid equations in polar coordinates.

Research Assistant   April 2021 - Present
Department of Physics, University of Toronto
Collaborator: Prof. Nicolas Grisouard
    - A novel Fourier-Bessel based spectral method using discrete Hankel transform.

Research Assistant   January - April 2022
Department of Mechanical Engineering, University of Ottawa
Collaborator: Prof. Natalie Baddour
    - Developing a new type of 2-D discrete Fourier transform in polar coordinates using
      Dini series.

PROFESSIONAL EXPERIENCE

Intern Technical Interpreter   October - December 2019
Baoshan Iron & Steel Co., Ltd., and PMC-Colinet Industries   Shanghai, China
Supervisor: Marcello Mameli
    - English and Mandarin. RPP07-3 CNC Pipe Finishing Machine bearing replacement
      and refurbishment project at Baoshan Iron & Steel Co., Ltd..