

Hasan Karsidag

Cantley, Quebec

hkars059@uottawa.ca • (438) 934-5678

SUMMARY OF QUALIFICATIONS

- Third-year physics CO-OP student at the University of Ottawa
- Developed experience in physics research settings
- Proficient in various technical skills (from coding to analytical problem solving)
- Fluent in English, intermediate in French and Turkish

EDUCATION

University of Ottawa - Ottawa, Ontario

January 2022 – present

Honours Bachelors of Science in Physics, current CPGA 8.21/10 ~ 3.8/4

Expected date of graduation: April 2027

- *Achieved an admission scholarship*
- *Achieved Dean's Honour List on two separate occasions*

Cégep Heritage - Gatineau, Quebec

September 2020 – December 2021

- *Initially enrolled in the Commerce program, then later switched to the Science Program*
- *Achieved Dean's Honour role (average of 90+) for every term*

RELEVANT SKILLS

Computer Skills

- *Comfortable in Python (NumPy, Pandas, Matplotlib, pyGMT), Excel, Jupyter, Bash (Shell), Word, Outlook, Git, Linux/Unix OS, general computer skills*
- *Familiar with some LabVIEW tools*

Research Skills

- *Strong analytic problem-solving skills; proficient in applying theoretical concepts to solve complex problems*
- *Skilled in using software to analyze data and make meaningful insights*
- *Familiar with various lab setups and instruments (electron diffraction, spectroscopic, oscilloscope, breadboard circuits)*

Technical Writing

- *Capable of crafting detailed reports that clearly communicate findings and methodologies*
- *Obtained experience in working within team settings*

RELEVANT WORK EXPERIENCE

University of Ottawa

May 2023 – August 2023

USRA student

- *Worked in geophysics to discover the makeup of the Cascadia mantle wedge corner*
- *Learned how to read research papers, how to use pyGMT, SAC (Seismic Analysis Code), and Linux/Unix based OS's*

ARC, University of Ottawa

January 2023 – April 2023

UROP student

- *Developed and visualized a simulation model of data collection points for electromagnetic interactions from a spherical aperture*
- *Used Python, NumPy, and Matplotlib*

OTHER WORK EXPERIENCE

Student Works – Gatineau, Quebec

June 2021 – July 2021

Residential Painter

- *Painted residential buildings under the guidance of a passionate student entrepreneur*
- *Learned various painting tools, and gained experience as a blue-collar worker*

Shirin Markey – Ottawa, Ontario

July 2017 – Sept 2017

Grocery Cashier and Stocker

- *Operated the cash register, helped customers locate desired items, boosted sales by stocking, organizing, and tagging shelved items*

AWARDS

- *Deans Honour role at Cégep Heritage for every term at the Cégep*
- *Admission scholarship at the University of Ottawa*
- *Deans Honour list at the University of Ottawa on two separate occasions*

PROJECTS & EXTRACURRICULAR

- *Played French horn for multiple orchestral pieces on stage over 2 years' time*
- *Provided computer assembly and software installation aid, as well as built my own computer*
- *Was a team captain of Tier 4 professional Esports team*