

NAWAJ KC

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210 N Oakland Ave, Decatur, IL, 62522

EDUCATION

Millikin University, Decatur, Illinois – Bachelor's in Science; Honors Student; Leighty Science Scholar.
Major: Physics; GPA – 3.985/4.000

TECHNICAL SKILLS

Python (NumPy, Matplotlib, SciPy, and the basics); Logger Pro; MS Office (Data analysis in Excel among others); LaTeX

COURSE HIGHLIGHTS

Independent Study: Discrete Math II (MA 491), Undergraduate Research (CH 391), Mathematical Physics (PY 325), Linear Algebra (MA 303), Modern Physics (PY 253), Inorganic Chemistry (CH 224)

RESEARCH EXPERIENCE

1. Physics - Dark Matter (Spring 2018) – Currently working with Dr. Casey Watson on a Dark Matter project, which will be presented in American Physical Society (APS) meeting in April at Ohio.
2. Chemistry – Hydration of Carbon Dioxide using late-transition metal Nano-particles (Spring 2018) – For a curricular course, Undergraduate Research (CH 391), doing an experimental research project under the supervision of Dr. Timothy Guasco and Dr. Paris Barnes.

TEACHING EXPERIENCE

1. Teaching Assistant (Spring 2018) – University/College Physics II Labs, PY 152: Help the professor with the pre-lab preparation, setting up equipment, and help the students during lab sessions.
2. Lab Assistant (Fall 2017) – Stars and Galaxies Lab, PY 105: Helped the professor set up telescopes and other equipment.

EMPLOYMENT EXPERIENCE

1. Office Assistant - Work as an assistant dealing with various office related jobs at the Natural Sciences' administrative office. (Fall 2017 and Spring 2018)
2. Dennis Lab Public School – Work at a local public elementary school helping faculty and student in various works like assisting teachers, working on small groups with students or 1:1 and so on. (Spring 2018)
3. Student Development Officer – Worked at the Millikin Alumni Office during Fall 2017.
4. Trinity A Levels (Private Tutor in high school) - On faculty's recommendation, tutored 12th graders in Cambridge A-level Physics, Mathematics, and Chemistry for their board examinations.

CO-CURRICULAR EXPERIENCE:

1. Involved with Society of Physics Students (SPS) Chapter at Millikin.

INTERNATIONAL, NATIONAL, REGIONAL RECOGNITIONS AND AWARDS:

1. Princeton University Physics Competition 2016 - Online Part: Ranked 2nd Overall in the section “Entropy and Statistical Mechanics” and awarded Honourable Mention in “Laser and Plasma Physics.”
2. National Delegate of Nepal to 10th International Olympiad on Astronomy and Astrophysics, 2016
3. National Delegate of Nepal to 9th International Olympiad on Astronomy and Astrophysics, 2015
4. Named one of “Top Ten Debaters” of “2nd National WSDC Mahakumba Debate Championship”
5. Named one of “Top Ten Debaters” of “Kathmandu Debate Challenge 2015”

STANDINGS IN NATIONAL AND REGIONAL ACADEMIC COMPETITIONS:

1. Named one of top five students of 2nd and 3rd National Astronomy Olympiad, 2015 and 2016 organized by Nepal Astronomical Society.
2. Invited to Closed Camp (top 20) of Nepal Physics Olympiad 2016 and 2017 organized by Nepal Physical Society.
3. Member of the team that was WINNER of Kathmandu Debate Challenge 2015 organized by Debate Yatra.
4. Member of the team that was RUNNER-UP of 2nd National WSDC Mahakumba Debate Championship organized by Debate Network Nepal.
5. Member of the team that stood FOURTH in 10th Inter College Rotaract Running Shield Quiz organized by Rotaract Club, Kathmandu.

HIGH SCHOOL AWARDS:

1. Trinity Scholar Award, 2016 – Awarded to top 3 graduates from Trinity GCE A-level Science

PERSONAL SKILLS

Excellent Time Management, Meticulous Organization, Focus, Intellectual Drive, Relentless Motivation, and an Unflinching Curiosity.