
ELIZABETH JOHNSON

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SUMMARY

Highly motivated and inquisitive student seeking opportunities to contribute to an organization and expand functional knowledge in fields with a focus in Math and Physics.

SKILLS

- ❖ Strong leadership skills with experience motivating, coaching and teaching
- ❖ Self-directed and self-motivated worker, athlete and student
- ❖ Clear and thoughtful verbal communicator
- ❖ Proficient in Python, MATLAB and Mathematica
- ❖ Experience using Monte Carlo Simulations and random processes to solve problems in probability.
- ❖ Experience using digital and analog circuits in a laboratory setting.

EXPERIENCE

SUMMER RESEARCH ASSISTANT, BATES COLLEGE – MAY 2018-PRESENT

Manufacturing and programming digital circuits in Python to track the changing temperature in the salt-marshes at the Bates Coastal Center in Shortridge.

PHYSICS LAB ASSISTANT, BATES COLLEGE – JAN 2018-PRESENT

Helped guide students in their biweekly Modern Physics labs, grade pre- and post-lab assignments.

MATHEMATICS TUTOR, BATES COLLEGE – SEP 2017-PRESENT

Assisted students with Calculus I and II at the Mathematics and Statistics Workshop.

PHYSICS TEACHING ASSISTANT, BATES COLLEGE – SEP 2017-DEC 2017

Worked closely with the professor of Classical Physics to grade assignments and was the liaison between the students and their professor.

EDUCATION

BATES COLLEGE, LEWISTON, ME – BACHELOR OF SCIENCE, EST. 2020

Physics and Mathematics major with a concentration in Law and Society. Cumulative 3.61 GPA. Dean's list student for Fall Semester of 2017 and Winter Semester of 2018.

ORGANIZATIONS

- ❖ Community Liaison for Bates Rowing Team
- ❖ Volunteer at the Center for Wisdom's Women
- ❖ No. 1 Nationally ranked Bates Women's Rowing
- ❖ Bates Women's Club Hockey