

Gabriel Nelson

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EDUCATION

Bates College, Lewiston, ME

May 2020

Bachelor of Arts; Major: Mathematics; Minor: Russian

General Education Concentration: Learning and Teaching

Dean's List for Academic Excellence (Winter 2017, Fall 2017, Winter 2018, Fall 2018)

GPA: 3.85/4.0

Relevant Coursework: Calculus II, Linear Algebra, Multivariable Calculus, Introduction to Logic, Introduction to Abstraction, Number Theory, Abstract Algebra, Probability, Real Analysis

Yaroslavl State Pedagogical University, Yaroslavl, Russia

Spring 2019

Enrolled in the Middlebury Schools Abroad Program

South Burlington High School, South Burlington, VT

June 2016

College Preparatory Academics: Graduated with 6AP Courses, GPA: 4.136/4.33

EXPERIENCE

Bates College Mathematics and Statistics Workshop, Lewiston, ME

Fall 2017 – Fall 2018

Tutor

Helps college students with mathematics coursework, works to inspire students to be more confident in their mathematical abilities and become more independent in their learning

Research on Origami Constructions in Number Theory, Bates College, Lewiston, ME

Summer 2018

Researcher

Worked in a group research setting over the course of six weeks to understand origami constructions and attempt to develop new theorems about them. Primarily wrote code in Maple to generate origami constructions

YMCA Camp Abnaki, North Hero, VT

Summers 2015 – 2018

Counselor

13 summers in attendance; Overnight Camp Counselor working with children aged 8-16, planned and taught a Cross Country Running skill class among others

COMMUNITY SERVICE

Lewiston Public Library, Lewiston, ME

Fall 2016, May 2018

Volunteer

Provided after-school homework help for Lewiston High School and Middle School students, almost exclusively children of immigrants for whom English is a second language

Maine Immigrant and Refugee Services (MEIRS), Lewiston, ME

Winter 2017

Volunteer

Tutored adult immigrants and refugees who did not speak English, teaching the alphabet, basic words, and phrases to groups of up to 20 people

SKILLS & INTERESTS

Music: Played the Euphonium throughout Middle and High School, including All State Band for 3 years, currently a member of the Bates Brass Ensemble

Technology: Proficient in Microsoft Word, Excel, PowerPoint (and Google counterparts), LaTeX, Maple, computer hardware assembly, Windows, some experience with Mac OS