

Henry Hoyhtya
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Education

Coe College, Cedar Rapids, IA.

Graduation Date: May 2, 2021

Majors: B.A. in Biology and Philosophy

GPA: 3.9

Awards: Dean's List (5 semesters), Outstanding First Year Student in Philosophy (2018), General Chemistry Award (2019), Phi Beta Kappa 2021

Research Experience

Coe College: May 2020 – August 2020
IA

Coe College – Cedar Rapids,

Summer research with the Coe College Physics Department in computational molecular biology with other biology students. Worked with P-Glycoprotein transport of cancer drugs, and RhCG mechanism for ammonia conduction (published).

- Worked in VMD and NAMD to simulate the movement of molecules in to proteins
- Long-term independent project, had to build protein model for use, and integrate the ligands to the model for simulations
- Used Linux secure shell, learned the basic functions of VMD including Tcl language
- Wrote and revised research papers to prepare them for publication, and prepared images and diagrams for publication.

Work Experience

Infantryman 2024 - Present

Montana Army National Guard -- Missoula,

MT

Defend and support the nation and the State of Montana as a ground combat soldier. Perform tactical operations in a variety of environments and conditions.

- Conduct patrols on foot and carry America's faith and honor against her enemies.
- Maintain equipment, arms, and self
- Support civil authorities in turbulent times

Production Assistant 2024 - Present
MT

Glacier Distilling -- Coram,

Assist in production, processing, and bottling of alcoholic beverages such as whisky, gin, and a great variety of brandies and cordials.

- Maintain inventory and tracked proof-gallons through the process to report for tax purposes
- Use machinery to move large quantities of solids and fluids. (Forklifts, trucks, pumps, etc.)
- Assist in organalyptic tests of product to maintain quality.

Microbiology Prep Tech: 2022 – 2024
Kalispell, MT

Logan Health Medical Center –

Prepared medical samples for cultures and sensitivity testing. Performed quality control on media, organisms, and antibiotics. Tracked stock and inventory. Performed rapid PCR testing.

- Followed lab procedure for preparation of medical specimens.
- Maintained competencies through surveys and testing.
- Prepared, read, and recorded antibiotic sensitivity testing (Kirby Bauer) on quality control and isolated specimens.
- Used sterile technique to avoid contaminating samples, and used proper procedure in handling and disposing of biohazardous waste.

Whitefish Ski Instructor: 2022 – 2023
Whitefish, MT

Whitefish Mountain Resort –

Instructed groups of students in the basics of skiing using simple progressions for

first time skiers up to beginner level skiers.

- Worked with other instructors and supervisors to organize students at beginning, middle, and end of day.
- Participated in training and clinics throughout the season to improve my abilities in skiing and teaching.
- Assisted with various other problems that arose within and outside of the ski school.

Sisu Farms Farmhand (Summers): 2019 – 2022
CO

Sisu Farms – Granby,

Summer employment at Sisu Farms as a farmhand

- Worked independently on long-term construction projects throughout the summer
- Utilized machinery (tractors, skid steers) to move heavy materials
- Performed daily tasks when necessary (baling hay, collecting organic material, animal care, etc.)
- Raised and processed poultry, cattle, and swine, guided volunteers through proper procedure

UPS Management: 2021 – 2022
CO

United Parcel Service – Gunnison,

Acted as Local Sort Supervisor and Package Data Specialist

- Conducted audits and safety reviews
- Contacted customers to correct issues
- Worked customer counter for package delivery and pickup
- Created dispatch plans for driver routes
- Worked with upper management to increase efficiency of center

College Laboratory Experience: 2017-2021
IA

Coe College - Cedar Rapids,

Intro to Biology, Organismal and Ecological Biology, Botany, Genetics,
Advanced Research Laboratory, Microbiology, and Integrated Human Physiology,
Cell Physiology, Physics I and II, General Chemistry I and II

- Learned the basics of cleaning and maintaining lab equipment

- Learned fundamental techniques used for biology research in a lab setting
 - Western Blotting, EIA, Gel Electrophoresis, Maintaining and Culturing Cells, PCR, Immunohistochemistry, Determining Microbes Biochemically (Classical Microbiology)
- Recorded experiments, entered data, and maintained proper lab notebook
- Worked on an independent project measuring microplastic uptake in radish

Writing Center Experience: 2017-2021
IA

Coe College - Cedar Rapids,

A sort of writing “tutor,” speaks with writers about their papers in order to improve their writing ability and their writing assignments

- Met with students and spoke with them in meetings called “conferences” in order to provide an outside perspective on the student’s academic and personal papers
- Used oral conversation to help stimulate writers’ thoughts in brainstorming conferences

Winter Park Grounds Crew (Winters): 2017 – 2021
Park, CO

Intrawest - Winter

Seasonal employment at Winter Park Ski Resort directing parking traffic

- Gave directions to visitors to various parking lots and places around the resort or around town
- Notified visitors of the resort’s parking policies, including locations of pay lots, locations of free lots, and the easiest mode of transportation to the base
- Sympathized with customer’s frustration at parking availability

Supplemental Instruction Tutor: 2018
IA

Coe College – Cedar Rapids,

Supplemented college courses with additional lessons outside of the class

- Reviewed course information in front of students in an additional session outside of class
- Helped facilitate active participation in reviewing for tests
- Prepared test review sessions for students in Ecological and Organismal Biology