Henry Hoyhtya

[hhoyhtya@gmail.com](mailto:hhoyhtya@gmail.com)

(970) 509-0655

1510 Grove St

59912 Columbia Falls, MT

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 *Coe College* *– Cedar Rapids, IA*

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

Microbiology Prep Tech: 2022 – Present *Logan Health Medical Center – Kalispell, MT*

Prepares medical samples for cultures and sensitivity testing. Performs quality control on media, organisms, and antibiotics. Tracks stock and inventory. Performs 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 Mountain Resort – Whitefish, MT*

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 *Sisu Farms – Granby, CO*

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 (bailing hay, collecting organic material, animal care, etc.)
* Raised and processed poultry, cattle, and swine, guided volunteers through proper procedure

UPS Management: 2021 – 2022 *United Parcel Service – Gunnison, CO*

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 *Coe College - Cedar Rapids, IA*

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 *Coe College - Cedar Rapids, IA*

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 *Intrawest - Winter Park, CO*

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 *Coe College – Cedar Rapids, IA*

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