

Isaac Samuel Racine

Leuven, Belgium

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EDUCATION

Katholieke Universiteit (KU) Leuven, Leuven, Belgium

Expected June 2023

Master of Science in Bioinformatics

- Current GPA: 17/20
- Thesis under the supervision of Johan Van Weyenbergh and Isabelle Cleynen
- Intermediate in Python, R and Java; experience with HCP, Conda, Git, MatLab, SQL
 - Practicing application of bioinformatic tools to large scale omic data sets and protein modeling software

University of Vermont (UVM), Burlington, VT USA

Graduated May 2021

Bachelor of Science in Biological Sciences, Minor in Statistics

- Current GPA: 3.76 GPA
- Plant genetics research work under Jill Preston
 - Learned basic genetic laboratory practices: PCR and cloning
 - Practiced experimental design
 - Performed a semester long research topic on motif data from gene sequences to determine which motifs are important in vernalization pathways
- Semester abroad in Dortmund, Germany Spring/Summer of 2020

TU Dortmund, Dortmund, Germany

Spring 2020

- Occurred during the Coronavirus pandemic which allowed me to find strength in myself in a new environment with regulations changing frequently
- Made strong relationships with local Germans, which allowed me to be a beginner German speaker and experienced the culture, pairing well with the social science electives I took there

Colchester High School, Colchester, VT USA

Graduated June 2017

- 4.0 GPA
- Gave commencement speech and apart of National Honors Society

WORK EXPERIENCE

Sweetwaters, Burlington, VT

April 2021 - August 2021

Server

Manager: David Melincoff +1 802-233-1818

- Most fast paced restaurant I have worked in and the largest staffed restaurant I have worked in
- Practiced how to handle stressful situations even during the busiest of times
- Learned another POS system (Squirrel)
- Became even more comfortable with local beer recommendations to tourists

Istanbul Kebab House, Burlington, VT

August 2019 - February 2020

Server and Bartender

Manager: Hasan Oktay +1 802-857-5091

- People speaking several different languages and from different cultures came through the doors, which increased my communication abilities

- Fast paced, with several table turnovers in a night and pagers to tell us when food is ready to be ran
- Introduced me to several new cocktails, wine and yet another POS system

Vermont National Country Club, South Burlington, VT

August 2018 - February 2020

Server and Bartender

Manager: Brittany Chase +1 802-264-9403

- Waited tables, usually dealing with several coursed meals and having to plan when to send out the next
- Would occasionally work events, including weddings, funeral services, birthday parties or anytype
- Provided bottle service when ordered and gained experience with drink orders
- Learned how to create and mix wonderful cocktails
- Worked at getting to know members to make them more comfortable

Ramunto's Brick Oven Pizza, Williston, VT

April 2017 - March 2019, October 2020 - March 2021

Delivery Driver

Manager: Jeff Paul +1 802-879-1000

- Delivered orders to customers within a 10 mile radius
- Prepped food and did dishes when not on deliveries
- Learned to pay attention to details, which is crucial for directions to customers

JCT - The Essex Culinary Resort and Spa, Essex, VT

October 2016 - April 2017

Food Runner

Manager: Henry Wallace +1 802-878-1100

- Prepped bread baskets, watered tables, ran food orders
- Taught me more organization and planning
- Learned how a kitchen operates and what is expected of front of house staff

LEADERSHIP EXPERIENCE

Healthcare Service Trip Pokhara, Nepal

May 2018 - June 2018

Volunteer

- Help establish safe and clean teaching methods within the preschool environment
- Taught English along with basic first aid

College of Agriculture and Life Sciences Student Representative, Burlington, VT

Fall 2017 - Spring 2020

- Attending admitted student visit days to talk to prospective students
- Organizing events (i.e. workshops and informative lectures)
- Staffing events and attending meetings
- Calling and writing letters to admitted students

GOALS

- Keen, focused, personable student looking for challenging research and internship opportunities to build genetical and statistical knowledge
- Hoping to pursue research into systemic disparities that could be causing epigenetic hindrances through applications of sociological sampling and bioinformatic practices

ADDITIONAL

- Has boating license and experience operating motor boats
- Continually improving my German language skills