

Ethan C. Risman

Ethan.C.Risman@gmail.com | US: 646 319 3733 | UK: (+44) 7470474419 | linkedin.com/in/ethan-risman/

EDUCATION

University of Manchester

Manchester, UK

- MSc Biotechnology
- BSc Plant Science (Hons). Graduated 2:1

Sept 2023 – Sept 2024

June 2023

Northern Valley Regional High School, Demarest

Demarest, NJ, USA

- AP's: Psychology: 5 | European History: 5 | US History: 5

June 2019

LAB-WORK & RELEVANT SKILLS

Markin Enzyme & Microfluidics lab

Manchester, UK

Master's Thesis

Sept 2023 – Sept 2024

- Statistical coupling analysis of terpene synthase genes to see if enzyme efficiency can be optimized in ways conservation analysis has not revealed.
- Validated functional importance in vitro using an E. coli reporter assay and mutant cycling.
- Purified enzyme using chromatography and dialysis in protein extraction protocol.

USDA ARS NCSL

Fargo, ND, USA

Research Analyst Assistant

June - Sept 2023

- Sunflower (*Helianthus annuus*) breeding lab working on crop resilience, yield, and oil content.
- Integrating GWAS and BSA in silico to discover gene within hybrid sunflower that causes its seeds to have increased infestation of weevil.

Kim Plant Sciences Lab

Manchester, UK

Lab Volunteer

Aug 2022 - Apr 2023

- Plant Lab working on genotyping, sequencing, and phenotyping of floral genes in *Kalanchoë* genus.
- Experienced in DNA extraction, PCR, Primer design, agrobacterium transfer, phenotyping, statistical analysis.

WORK EXPERIENCE

Sea & Air International Inc.

New York City, NY, USA

International Relocation Consultant

Mar 2020 – Sept 2020

- Built clientele of the Australian community of NY through social media and word of mouth.
- Managed \$500,000 worth of sales, 35% of total sales over the period in a sales force of 5.

Bareburger Closter

Closter, NJ, USA

Counter Clerk

June 2018 – Oct 2019

- Learned customer service and team cohesion. Customer facing role working with the bartender to keep the front of house stocked and to make/serve drinks.

Olympic Regional Development Association

Shandaken, NY, USA

Ski Instructor

Oct 2014 – Apr 2018

- Formative years building work ethic. Responsible for managing and taking care of 6 children on the ski slope, in extreme weather conditions during weekends.

LEADERSHIP, & ACTIVITIES

AKPSI

Manchester, UK

VP of Brotherhood

Sept 2023 – May 2024

- Successfully managed spring banquet, reducing costs by 50% during an inflation year while achieving a 22% margin.
- Reestablished and reengaged the current members with alumni through consistent communications.
- Marketed and organized fraternity events and raised 916 GBP during my tenure.

University of Manchester Botanical Society (BotSoc)

Manchester, UK

Founder & Co-Chair; Treasurer

Sept 2021 – Sept 2022

- Organize and marketed community outreach and volunteering, securing dozens of unique volunteers each week.
- Raised 900 GBP for the Society: 400 GBP through the universities fundraising infrastructure, 500 GBP through independent outreach and pitching.
- Established roles and guides for future committee members, ensuring continuity and a self-sufficient society.

University of Manchester Student's Union

Manchester, UK

Student Representative

Sept 2021 – June 2023

- Used Qualtrics to gain insights and opinions from peers regarding student concerns and course content feedback.
- Presented findings to the faculty in bi-monthly meetings.

LANGUAGES, INTERESTS, & SKILLS

- Spanish, Hebrew (Beginner)
- History, Governance, & Politics
- Python, Command Line (Intermediate)
- Cooking, Skiing, Squash