

Qualifications Summary

Motivated and accomplished undergraduate with dual degree in Marketing & Commerce and Bioengineering, Eager to bring unique blend of biotechnological expertise and business acumen to advance research and innovation at graduate level.

Research & Innovation

- ◆ Recognized for identifying compelling evidence by supporting potential incorporation of two yeast species demonstrating forward-thinking approach.
- ◆ Innovative biotechnological researcher with a keen eye for experimentation and discovery.

Laboratory Process Enhancement

- ◆ Known for assisting in applying an inventive mindset to elevate standards, and executing tasks assigned by manager during high-end production upgrades.
- ◆ Aptitude to bring innovative solutions to operational challenges to enhance efficiency and product quality.

Complex Problem Resolution

- ◆ Proficient in navigating and tackling situations in both scientific and marketing domains by showcasing versatility and resourcefulness.
- ◆ Proven ability to adapt swiftly to dynamic environments, exhibiting a keen aptitude for problem-solving.

Key Skills

- ◆ Proficient in collaborating with professors, highlighting strong interpersonal skills essential for success in academic and industry settings.
- ◆ Passionate about programming, eager to contribute technical expertise to innovative projects.

Education

Bachelor of Arts in Marketing & Commerce, Ongoing

University of Debrecen, Debrecen, Hungary

Bachelor of Science in Bioengineering, 2023

University of Debrecen, Debrecen, Hungary

Thesis Title: The Use of Saccharomyces bayanus and Saccharomyces pombe in Cider Making

Professional Experience

Tokaj-Oremus Winery, Tokaj, Hungary

Laboratory Assistant

2023

Spearheaded quality control initiatives for fermentation process during wine season. Facilitated seamless communication among team members. Assisted in development and enhancement of experimental protocols. Performed quality control tasks, including spectrophotometry and flavor analysis using gas chromatography.

- Revolutionized winemaking process by transitioning to fully gravitational liquid transport system, eliminating need for pumps and enhancing the overall quality of wine.
- Elevated process standards by transforming manufacturing into gravity-based top-to-bottom production line.

Researched intricacies of fermentation dynamics. Executed chromatography procedures for comprehensive antibiotics research. Conducted spectroscopy analysis, focusing on aroma management for hybrid bacteria colonies. Contributed valuable insights to various research papers. Collaborated with distinguished professor to identify strain of fission yeast present in honey. Implemented procedures in scientific endeavors, facilitating identification of fission yeast strains in honey for professor.

- Revitalized team efficiency by executing IT upgrades and creating Excel solutions as youngest member, driven by passion for computer science.
- Identified compelling evidence supporting potential incorporation of two yeast species in brewery industry.

Volunteer Experience

Feledhetetlen Foundation, Miskolc, Hungary
Administrative Staff

2021

- Spearheaded administrative functions at foundation dedicated to assisting individuals with varying degrees of dementia and Alzheimer's disease.
- Increased 40% in annual website traffic, effectively boosting number of visitors resort's online platform.

Surf Core, Gardony, Hungary
Windsurf Instructor

Summers 2019, 2020, 2021 & 2022

- Instructed diverse demographic of 100 individuals, ranging from 5 to 76 years old in art of windsurfing.
- Enhanced student engagement and satisfaction, resulting in 30% increase in number of returning participants.
- Innovated teaching with hands-on windsurfing instruction using an additional rig instead of boat.

Freelance Experience

Photographer, Self-employed

2020 & 2021

- Elevated wedding experiences through drone photography and videography at 10-15 events yearly, occasionally incorporating traditional cameras.
- Implemented specialized skills in aerial and drone photography, delving into realm of agriculture drones.
- Utilized drone-mounted cameras to address areas in need of increased chemical intervention on cultivated lands.

Technical Proficiencies

MS Suite | Python | MySQL | Git | GitHub | PostgreSQL | MongoDB | Mongoose | ChemCAD | R | RStudio | VSCode | Docker