

Mei Ng

Plant Biologist

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SUMMARY

Recent graduate with a strong focus on plant biology. Completed extensive hands-on work through academic projects, showcasing skills in greenhouse management and plant care along with assessments of environmental impacts. Eager to apply knowledge in assisting plant cultivation and maintenance, contributing to sustainable practices at GreenLeaf Innovations.

EDUCATION

Bachelor's Degree in Plant Biology

University of Missouri-St. Louis 🎓 GPA: 3.8 📅 2026 📍 St. Louis, MO

Coursework: Botany, Plant Physiology, Environmental Science, Sustainable Agriculture

TECHNICAL SKILLS

- **Environmental Analysis Tools:** SPSS, GIS, R
- **Greenhouse Management Systems:** AG Leader, Dutch Greenhouses, Autogrow
- **Propagation Equipment:** Tissue Culture Techniques, Hydroponic Systems, Seed Trays
- **Plant Health Monitoring Tools:** Corteva Technologies, Phylogenetics, Plantix
- **Data Management Software:** Microsoft Excel, Tableau, Google Sheets
- **Collaboration Platforms:** Slack, Zoom, Microsoft Teams
- **Research Documentation Tools:** EndNote, Mendeley, LaTeX
- **Irrigation Technologies:** Drip Irrigation, MicroSprinklers, Smart Controllers
- **Horticultural Practices:** Organic Farming, Integrated Pest Management, Fertility Management
- **Statistical Analysis Software:** SAS, STATA, MATLAB

SKILLS

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|--------------------------------------|--------------------------|----------------------------|-----------------------|
| • Plant Biology | • Research Methodologies | • Environment Assessment | • Cleaning Protocols |
| • Controlled Environment Agriculture | • Team Collaboration | • Sustainability Practices | • Experimental Design |
| • Greenhouse Management | • Seed Propagation | • Plant Care | • Analytical Skills |
| • Data Analysis | • Crop Maintenance | • Irrigation Techniques | |

EXPERIENCE

Plant Biology Intern

University Research Lab 📅 June 2025 - August 2026 📍 St. Louis, MO

Supported research initiatives by managing the growth of various crop species in controlled environments. Assisted in key experiments focusing on temperature and light impact on plant health.

- Conducted experiments on temperature variability impacting corn and soybeans within controlled settings.
- Managed daily seed sowing and meticulous plant care ensuring optimum growing conditions.
- Ensured preventive measures were taken resulting in reduced incidences of non-viable plants.
- Developed tailored irrigation plans improving water utilization during cultivation.
- Worked alongside specialists analyzing data concerned with plant growth patterns and environmental effects.
- Communicated findings effectively at university symposiums, receiving commendation for detailed insights.

Team Member

Greenhouse Operations Course Project 📅 September 2024 - May 2025 📍 St. Louis, MO

Contributed to a multi-disciplinary team project aimed at enhancing sustainable greenhouse operations and management strategies.

- Engaged actively in implementing cutting-edge propagation techniques for diverse plant varieties.
- Tracked and documented crucial growth metrics facilitating optimal plant performance evaluation.
- Meticulous cleaning protocols led to healthier vegetation and minimized disease spread within the facility.
- Employed collective problem-solving methods refining project methodologies based on peer critiques.
- Presented substantive insights into cultivating practices enhancing learning outcomes across participants.
- Collaborated with peers to synthesize findings that reinforced best practice frameworks.

LEADERSHIP & AWARDS

- Dean's List, University of Missouri-St. Louis, 2024-2026
- First Place, University Greenhouse Challenge, 2025

CERTIFICATIONS

- Certified Greenhouse Grower 📅 2025
- Sustainable Agriculture Certification 📅 2025

PROFESSIONAL AFFILIATIONS

- Member, Horticulture Club, University of Missouri-St. Louis
- Volunteer, Local Community Garden Initiative

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST