

Erica Lloyd

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Summary

Biotechnology graduate with strong background in molecular techniques such as gel electrophoresis, Media culture, PCR, 3' and 5' RACE.

Strong computing skills for applied sciences, such as scripting in bash and VBA, data visualization in R and python, familiarity with both Windows and Linux operating systems, and use of EMR software.

Experience with pipetting, lab safety, and scientific process, sterile technique.

Education:

Florida Gulf Coast University, Fort Myers, FL

Biotechnology BS

December 2022

- Genetics – Molecular Genetics, Methods in biotechnology
- Cell Biology – Cell Biology, Microbiology, Human Physiology, Plant Physiology
- Biostatistics in R, Scientific Process

Experience:

ScribeAmerica – Medical Scribe

December 2023 – Present

- Medical terminology and EMR use experience
- HIPAA compliance
- Ensures accurate recording of patient medical information
- Communicates with doctors and other medical providers

HMClause – Tomato Breeding Assistant

March 2023 – September 2023

Performed research for vegetable breeding program in order to produce seeds for fruit with desirable traits for the environment, including consistent shape, disease resistance, and lack of scarring

- Processed specimens for shipment to laboratories and trials
- Assisted with sowing, pollination, and harvesting of plants
- Recorded and inputted data from trials
- Lead team of aides for planting and harvesting of trials

Independent Research at FGCU

January 2022 – December 2022

Research focused on the isolation of the gene AP1 in invasive plant species *Melaluca quinquenervia*. By isolating flowering genes such as AP1 and observing their expression in model species *Arabidopsis*, its reproduction and development can be studied.

- Sterile technique in biological safety cabinet
- Selective plating to segregate transformed plants
- Performed DNA extraction
- Ran gel electrophoresis and PCR
- Performed data analysis to evaluate experiments

Starbucks - Barista

May 2019 – March 2023
and February 2024 – Present

- Handled food and drink safely
- Customer service and resolving issues for customers
- Cash handling and Point of Sales
- Use of attention to details in a high speed environment

Thomas Riley Artisan Guild -Database Intern

Summer 2017

- Created a database of wood finish samples for easy lookup
- Gained Microsoft Access Proficiency
- Scripted in SQL and VBScript
- Designed front-end UI

Community Involvement:

Harry Chapin Food Bank

December 2021 – December 2023

- Sorted food items to help fight hunger in the community

Cooking Club (FGCU)

Treasurer – December 2021 - May 2022

Member – November 2021 - December 2022

- Helped prepare menus and budgets for community cooking events