

KRISTY HAMLIN

Lab Supervisor | Software Design and Development Student



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Miami, FL



Summary

Lab Supervisor with 9 years of science experience seeking to transfer to a Software Development career. Highly developed teamwork, communication, planning, analytical, and writing skills from a career in science. Graduating in Summer 2024 with a BS in Computer Science from Florida International University and a 4.0 GPA.

EDUCATION

BS in Computer Science, Software Design and Development Track

Florida International University



2021 · 2024

- Graduation July 2024 · 4.0 GPA

Skills and Coursework

- Java, C, Python
- Data Structures, Algorithms, Object-Oriented Design
- Basic Databases, pgAdmin, PostgreSQL
- Basic Microsoft Power Apps
- Unit Testing, JUnit, UML Diagrams
- HTML, CSS
- Basic Git, GitHub
- Basic Machine Learning with sklearn

CS PROJECTS

Deploying FIU's STARS Tutoring Application

I am the leader of my Capstone II team, which focuses on using Microsoft Power Apps and Power Automate to automate the tutoring service "STARS". STARS is a real tutoring service run by Dr. Patricia Wells.

Machine Learning

Used Decision Tree Regressor to Predict Miami House Prices. R-squared = 0.78, MAE on test set = \$52,000

BS in Biochemistry, English Literature

University of Miami



2011 · 2015

- Magna Cum Laude, Honors
- Recipient of UM Full-Tuition Isaac B Singer Scholarship for Academic Excellence

WORK EXPERIENCE

Lab Supervisor

BioTissue, Inc.



2022 · Ongoing

- Led team of scientists to ensure on-time production and delivery of qualified Internal Reference Material (IRM) to partner studies at Johns Hopkins University
- Collaborated with CTO and co-founder Dr. Scheffer Tseng to write company research reports, analyzing historical data and creating a comprehensive report of IRM characteristics. Presented findings at department meeting.
- Extensive experience mentoring and training young scientists in the lab
- Successfully prepared for lab audits, ensuring all necessary protocols, equipment, and documentation were compliant with regulatory standards
- One of 3 team leads for "Great Place to Work" within R&D. During our work in 2022 and 2023, R&D's score of the GPTW statement rose from 67% to 83%.
- Read much more on my portfolio website hosted on GitHub (see "Find Me Online" above)!

STRENGTHS



Oral and Written Communication



Teamwork and Accountability



Public Speaking & Presenting



Reliable and Consistent



Critical Thinking

FIND ME ONLINE



<https://kristy-nicole.github.io/kh-portfolio-website/>



<https://www.linkedin.com/in/kristyhamlin/>

HACKATHONS

TechTogether Miami 2023

Java Job Matching algorithm for Eve1 Project

LANGUAGES

English
Native



Español
Fluido



OTHER SKILLS

Hard

Photoshop, Canva
HitFilm Express

Soft

Empathy
Positivity
Creativity