

LAUREN BISHOP

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EDUCATION

Florida State University
Bachelor of Science in Chemical Engineering **2024**

Spanish River Community High School
Diploma **2020**
Honors & Industry-Certified Distinctions

AWARDS

Excite Award (MIT-Lemelson Foundation) 2019 – 2020
Palm Beach Post Pathfinder Scholar Nominee 2020

RELATED EXPERIENCE

Ricarte Laboratory at Florida State University, Tallahassee, FL
Undergraduate Researcher **2020 – present**
Design new method to analyze, create, & review molecular graphs as opposed to searching through databases and journals.

Saving Lives from Sepsis (Sepsis Sensor System), Boca Raton, FL
Executive and Sustainability Lead **2018 – 2020**
One of the 15 teams selected nationwide for the "Excite Award" and \$10,000 grant from the Massachusetts Institute of Technology Lemelson Foundation to develop carbon nanotube paper sensor and pulse oximeter. Led team of 16 students and focused on ensuring the invention materials, assembly, and disposal were both functional and cost effective while designing, prototyping, testing, and pursuing patent.

Biotechnician Assistant Certification, Boca Raton, FL
Biotility (University of Florida) **2020**
Developed strengths in laboratory procedures, laboratory equipment, and biotechnology knowledge through written and practical lab examinations. Certified to work as Biotechnician Assistant and work in research laboratory. Performed gel electrophoresis, mass spectrometry, microscope analyzation, bacterial agar growth & analysis, micro-pipetting, solution-making, pH level readings, and solution titrations.

Young Makers Lab, Boca Raton, FL
Instructor **2018-2020**
Taught robotics, coding, and other technological principles to kids ages 7-12. Coordinated learning activities and troubleshooted issues with technology.

MEMBERSHIPS

Engineering Brigades
Society of Women Engineers

American Institute of Chemical Engineers
Engineers Without Borders