

# Hanna DeVillier

Baton Rouge, LA | hanna.devillier@gmail.com

## Education

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**GPA: 3.16**

**Louisiana State University (LSU), Baton Rouge, LA**

**May 2026**

*Senior in Biological Engineering (BS)*

### **Related Coursework:**

Mechanical Design, Thermodynamics, Statics and Dynamics, Fluid Dynamics, Microbiology, and Organic Chemistry

## Experience

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### **Work – Quality Assurance Intern**

*Honeywell/Solstice – Baton Rouge, LA*

**November 2025 – Present**

- Maintained document control for the management change of Honeywell to Solstice among the department
- Organized files to prepare for upcoming inspections and scanned to convert to an accessible digital system
- Researched and learned the processes of the laboratory to prepare for a potential full-time position

### **Work – Undergraduate Research Assistant**

**February 2024 – Present**

*Bionano Therapeutics Lab, LSU – Baton Rouge, LA*

- Collaborated on glioblastoma, laminin, and drug delivery research on various cell lines of the brain
- Performed basic lab responsibilities of replacing, cleaning the areas, and CO<sub>2</sub>/aspirator maintenance
- Compiled a weekly report on the research done and duties performed throughout the week

### **Work – Resident Assistant**

**July 2023 – May 2024**

*Camellia Hall LSU – Baton Rouge, LA*

- Oversaw a floor of 30-40 first-year residents
- Communicated effectively with all of them to prevent conflict and maintain a comfortable, academic environment
- Responded to emergency situations while working one 12-hour shift plus 4 hours at the front desk every week
- Organized fun, creative floor programs every quarter to engage residents in the community

### **Leadership – Badminton Club Secretary**

**May 2025 – Present**

*Louisiana State University – Baton Rouge, LA*

- Maintained accurate records of club members and ensured proper compliance with club regulations
- Managed club documentation, such as attendance records, registration forms, and tournament applications
- Recorded and distributed detailed meeting minutes to summarize important topics discussed

## Projects

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### **SeaPerch**

**June – July 2025**

- Underwater ROV (remotely operated vehicle)
- Assisted high school students in completing their projects by offering design advice and providing help with tools

### **Switch Adaptation**

**January – May 2024**

- Assigned a children's toy to switch adapt for universal design to make it more accessible
- 3-D modeled a pedal to press with the hands for children with disabilities

## Skills

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- Capable in soldering and wet lab skills, proficiency in Microsoft Office, and experience in SolidWorks, Fusion 360, MATLAB, Arduino IDE, Autodesk Eagle, Tinker CAD, and JMP.

## Activities

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**Clubs:** E-Nable (makes prosthetics for clients), Biological Engineering Student Organization (BESO), Society of Women in Engineering (SWE), and Badminton club

### **Volunteer Work**

- Volunteering in Public Schools (VIPS)
- CAA (Companion Animal Alliance)