

# Maria de Los Angeles Galindo Rivera

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## EDUCATION

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### Computer Science

*John Brown University*

08/2021 – present  
Siloam Springs,  
United States

**Important Coursework:** Data Structures and Algorithms(Spring 2023), Web Development (Spring 2023) , Object Oriented Programming (Spring 2022) , Embedded Systems (Fall 2023), Digital Electronics (Spring 2022) and Database Design (Fall 2023)

## SKILLS

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**Programming/Scripting Languages:** SQL, C, C#, Java, Python, C++, CSS, Javascript

**Web Development Languages:** HTML, CSS

**Frameworks and Tools:** Bootstrap, React, MongoDB

## PROFESSIONAL EXPERIENCE

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### Computer Science Academy Organizer

*John Brown University*

- Teach classes every Saturday to children
- Plan the schedule every semester
- Hire students as teaching assistants

08/2022 – present  
Siloam Springs,  
United States

### Web Manager

*AOS, Enactus*

- Redesign the project's webpage, to increase website traffic.
- Maintain and update the webpage.
- Implement a database.

08/2023 – present  
Siloam Springs,  
United States

## PROJECTS

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### Kanye Quote Generator

*React, JS, CSS*

- This project fetches the Kanye API and presents the user with a new quote every time a button is pressed.
- The project switches the state of a constant variable, using hooks.

10/2023 – 10/2023

### Chemistry Toolbox

*Java*

- The project fetched data from files.
- It solved common chemistry problems such as atomic mass, and balanced chemical equations.
- The project had a GUI that was designed using the Java package Swing.

11/2022

### Hawg N' Store It Website

*HTML, CSS, JAVASCRIPT, PHP*

- The webpage was designed for a local business.
- It fetched information from a local database which was implemented using WAMPserver and fetched with PHP.
- The design was made with vanilla Javascript, HTML and CSS.

2023

### Blinky

*C++, Python*

- It was designed for a JB Hunt Hackathon and it won first place.
- The project used an Arduino Uno and a RGB light as hardware.
- The Arduino code was connected serially with the Python code, and a to a phone camera, using the camera's IP address.
- The project implemented OpenCV and Google Mediapipe library to switch the colors of an RGB led with hand gestures.

11/2023