Heidy Gallardo

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# Education

**The University of Texas Rio Grande Valley**

*B.S. Computer Science*  Dec 2023 | *GPA: 3.39*

**Coursework:** Web Development, Algorithms and Data Structures, Programming in Unix/Linux, Software Engineering I, Automata, Database Design and Implementation, Robotics Programming

# Technical Skills

**Languages:** HTML/CSS, JavaScript, C++, Python, SQL, Ruby

**Frameworks:** Next.js, Ruby on Rails

**Developer Tools:** Content Management System (Cascade CMS), Adobe Photoshop, Version Control (Git/GitHub), VS Code

# Experience

# **CodePath** Remote, TX

# *Teaching Assistant (Technical Interview Prep) May 2024 – Current*

* Mentor and guide 200+ students in solving problems using data structures, algorithms and the UMPIRE strategy, fostering technical growth and problem-solving skills.
* Facilitate engaging breakout room discussions and provide hands-on assistance, ensuring active participation from all attendees.
* Lead weekly Study Hall sessions (office hours), working with students to solve LeetCode problems using the UMPIRE strategy while clarifying technical concepts such as linked lists, recursion, and time/space complexity.

**The University of Texas Rio Grande Valley** Edinburg, TX

*Web Developer May 2023 – Dec 2023*

* Designed and developed web pages for The Center of Excellence in STEM Education department within Cascade CMS, optimizing functionality and usability for over 2,000 users.
* Worked closely with IT project leads to implement technical improvements, enhancing accessibility, performance, and navigation for seamless user experience.
* Regularly met with UTRGV faculty to gather website requirements, develop tailored web solutions, and ensure alignment with their goals, overall building strong internal client relationships.

# Projects

[**Bin Fiesta**](https://devpost.com/software/bin-fiesta?ref_content=user-portfolio&ref_feature=in_progress) **|** *NextJS, JavaScript, Chakra UI, Google Maps Platform API, Geolocation API*

*Full Stack Developer*

* Collaborated with a team of 3 to design and develop Bin Fiesta, a website encouraging recycling, and won 1st place in the Sustainability Track at a 24-hour hackathon.
* Developed the Nearest Recycle Centers feature using the Geolocation API and Google Maps Platform API to locate nearby recycling centers based on user location and displaying them as map markers.
* Implemented a list view feature showing the name of the center and address, enabling users to easily find and navigate to the nearest center to recycle their items.

[**FlexiFrenzy**](https://devpost.com/software/flexifrenzy-tech) **|** *React, JavaScript, Daisy UI, Appwrite Database*

*Frontend Developer*

* Collaborated with a team of 4 to design and implement a social media desktop app as part of a 24-hour hackathon which won Best Healthcare Project and Best Domain Name categories.
* Contributed to team’s success by retrieving and querying data from an Appwrite database to showcase top 3 users based on time worked out in a visually appealing leaderboard.
* Demonstrated strong technical skills and ability to work in a fast-paced environment.