

# Hasbanny Irisson

hasbanny@aol.com | Github: [hasbanny](#) | LinkedIn: [hasbanny-irisson](#)

## EXPERIENCE

### RISE FIRST | WEB DEVELOPER

Oct 2019 – Present | Remote

- Developed new features for their website to promote diversity by integrating resource filters and curating more resources for DACA/undocumented students.
- Migrated their website from SquareSpace to AWS by using Node.js and WordPress to remove design and implementation restrictions.

### UNIVERSITY OF TEXAS RIO GRANDE VALLEY | RESEARCH ASSISTANT

Summer 2017 – Spring 2019 | Edinburg, TX

- Collaborated with Dr. Marzieh Ayati to research kinase substrate associations (KSA) in cancer by comprehensively analyzing previous KSA prediction methods and integrating her method into a web application.
- [Poster Presentation] D. Acevedo, H. Irisson, C. Aguillon, M. Ayati. "R web interface for kinase substrate predictions", the UTRGV School of Medicine Research Symposium (2019).
- Collaborated with Dr. Megan Strait to research Social Systems in Robotics by contributing to several behavioral experiments.
- Developed a web application in Javascript used to conduct a behavioral experiment in human-robot interaction that measured how humans perceived certain features of robots.

## PROJECTS

### PHOSPHOPROTEOMICS ANALYSIS

- Developed a web application in R/R-Shiny that allows users to upload their own datasets to create kinase-substrate association predictions for their data using a naïve Bayesian approach discussed in CophosK.
- Created various scripts to clean, manipulate and visualize breast cancer data using R.
- Won 1st place in the 14th annual ACM Computer Science Research.

### SNAPSNACK

- Developed a campus-specific website that allows college students to order food or deliver food to other students using ruby on rails, bootstrap, javascript and stripe API for payment processing.

### LOOKIT!

- A memory game application designed to help people with ADHD and memory loss created in AndroidStudio using java.
- Designed and implemented the user interface of the application.
- Implemented the main functions used to generate random card pairings for each level in the game.

## EDUCATION

### UTRGV

- MS IN COMPUTER SCIENCE

Expected May 2022 | Edinburg, TX

GPA: 4.0 / 4.0

Sustainability Fellow 2020-2021

David C. Lizarraga Fellow 2020-2021

- BS IN COMPUTER SCIENCE WITH MINOR IN MANAGEMENT

May 2019 | Edinburg, TX

Cum Laude honors

GPA: 3.65 / 4.00

## TECHNICAL SKILLS

### LANGUAGES

Proficient:

Python • C++ • R

Familiar:

PHP • Node.js • Ruby • Javascript

### DATABASES

mysql • MongoDB

### TECHNOLOGY

Git/Github • Windows • WordPress

### OTHER

Bilingual: fluent in Spanish and English

## COURSEWORK

### GRADUATE

Big Data

Data Mining

Analysis of Algorithms

### UNDERGRADUATE

Calculus I and II

Statistics and Probability

Software Engineering I

Database Design and Implementation

## INVOLVEMENT

Developer Student Club – Technical Lead

Dream STEM Initiative – Coding Practitioner

PyLadiesRGV – Mentor