Raul Daniel Higareda

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Personal Website: https://raulington.github.io/personal_website/

Education

The University of Illinois at Urbana-Champaign   **May 2025**

Bachelor of Science in Computer Science and Statistics   *Champaign County, Illinois*

Relevant Coursework

Completed:
-    Computer Science Principles I   -   Calculus III   -   Microeconomic Principles   -   Biostatistics
-    Computer Science Principles II   -   Discrete Structures   -   Linear Algebra w/ Computational Applications   -   Statistics and Probability I

Technical Skills

Languages: Spanish, Java, Python, HTML/CSS, JavaScript, R, Rust

Developer Tools: Android Studio, Visual Studio Code

Technologies: GitHub, Microsoft Office (Word, Excel, PowerPoint)

Work Experience

Course Assistant for Computer Science Principles I (CS124)

University of Illinois at Urbana-Champaign

January 2022 – April 2022

-    Contributed to lesson solutions and videos
-    Assist in helping students solve computer science problems by giving advice

Extracurriculars / Projects

OSAI (Open Source @ Illinois)

September 2021 – Current · Member

-    Collaborated with the club to contribute to open-source projects
-    Contributed on the development of a website that optimizes course selections
-    Worked on the frontend of the website to improve accessibility

Rust-Battleship · *2022*

-    Constructed a game of battleship with Rust that runs on the command line
-    Developed structure of the game, how the game initializes, and the way game visuals are outputted

Classification-of-Stellar-Objects · *2022*

-    Cleaned a dataset and used it to train a random forest classifier
-    Evaluated the accuracy of the model by creating a confusion matrix and evaluating precision and recall metric

Artsi · *2022 - Ongoing*

-    Creating a website that acts as an entry point into the creation of drawings by providing lesson videos and drawing spaces that allows users to follow along
-    Currently constructed the basic design layout of the website and drawing spaces