

Raul Daniel Higareda

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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