Nicolas Cardenas

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EDUCATION

Grinnell College   Grinnell, IA
Bachelor of Computer Science and Spanish   *May 2023*
- *Selected coursework*: Object-Oriented Problem Solving, Software Design and Development, Operating Systems and Parallel Algorithms

TECHNICAL EXPERIENCE

Software Engineer | *Wells Fargo*   July 2023-Present
- Worked with other engineers to ingest survey data from files and databases by writing and running various jobs
- Used SQL queries to validate job success
- Wrote and deployed code to GitHub
- Handed off code to Production team with clear and concise instructions on where and how to run the jobs

Undergraduate Research Assistant | *University of Iowa*   Summer 2022
- Worked with a research partner and PhD student to find effective ways to deradicalize online misogynists.
- Trained machine learning models and used data management to create an algorithm that filtered Reddit comments based on context in Python and SQL.
- Presented findings in a large conference with other student researchers and university faculty.
- View poster at: https://github.com/Nick-Cardenas/Poster/blob/main/CardenasPoster.pdf

Blobbo | *DIS Copenhagen*   Spring 2022
- Worked with a team of developers to create a 2D platformer video game in C#.
- Utilized GitHub and Unity to hone video game development skills.
- Assumed a leadership position among the group of developers to allocate individual work assignments and schedule project progression.
- Final product at: https://dejiezhen.github.io/Blobbo/

World Happiness Report | *Grinnell College*   Fall 2021
- Created an R Shiny app to display data on world happiness in a clean and easy to understand format.
- Analyzed and tidied large data sets in R to create an interactive and user-centered experience.
- Worked with a team of data scientists and developers to create the final product.
- Project overview at: https://softarchitech.cs.grinnell.edu/the-pursuit-of-happiness/

CAMPUS ENGAGEMENT

Student Organization of Latines | *Grinnell College*   Spring 2020-Spring 2023
- Participated in the cabinet of Grinnell College's affinity group for Latine-identifying students as the role of Treasurer followed by Co-Leader. Met weekly with other cabinet members to organize weekly large group meetings and events such as dances, field trips, and potlucks attended by Grinnell's Latine students and the student body at large.

New Student Orientation Ambassador | *Grinnell College*   Fall 2022
- Led a group of roughly 30 students through team-building and ice-breaking activities for two weeks. Worked to create a safe and welcoming environment for all students. Regularly led meetings and directed discussions where students expressed themselves and grew together.

Spanish Language Tutor | *Grinnell College*   Fall 2021
- Aided students with assignments in Spanish courses of all levels at the college. Drove students to find correct answers by guiding them in the right direction. Helped with grammar, written compositions, and oral presentations.

SKILLS

- SQL, Python, C, C#, Java, R, C++, Racket, Linux