Gustavo Guijarro

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EDUCATION

University Of Colorado Boulder   **Boulder, CO**

- B.S, Computer Science; GPA: *3.5*   *May 2024*

WORK EXPERIENCE

IT Support Technician at Buff Techs: **June 2023 – May 2024**

- Deliver top-tier technical assistance to CU Boulder staff, students, and faculty, troubleshooting and resolving software and hardware issues on personal and university-owned computing devices.
- Committed to providing exemplary customer support, facilitating technology solutions, and contributing to a secure and efficient IT environment.

EngiNearMe Mentor: **June 2022, June 2023**

- 2-week mentor for high school students interested in the engineering field, responsible for helping students program LEDs, sensors, etc. for their projects.

GoldShirt Peer Mentor: **Jul 2021 – May 2022**

- Mentor for freshmen engineering students in the GoldShirt scholarship program at CU.
- Provided academic guidance, showcased available resources, including tutoring services study and academic advising.

PROJECTS

Chicago Urban Data Visualization   **May 2024**

- Redesign of an urban data visualization dashboard focusing on crime incidents and affordable housing in Chicago.
- Utilized data analysis and visualization techniques to uncover insights and correlations between crime rates and housing affordability.
- Demonstrated iterative improvements based on user feedback to refine visualizations and enhance clarity.
- Leveraged principles of design and communication to create compelling visual narratives that inform decision-making

NiteLite Hackathon Group Project   **Mar 2023**

- Developed a safety application for nighttime walks, shows safest routes based on most lit areas and alerts in the past.
- Built CAD prototype that houses Arduino unit that will turn on a light if it senses any abnormal noise.
- Programmed the Arduino in C++ and developed a front-end interface using Figma of what app would look like.

RELATED COURSEWORK

- Data Structures
- Algorithms
- Cybersecurity
- Data Science
- Object Oriented Analysis & Design
- Information Visualization

SKILLS

- **Programming Languages:** C++, C, Python, Java, SQL, HTML/CSS, Scala
- **Tools:** GitHub, VS Code, IntelliJ IDEA, LaTeX, Jira
- **Data Science Libraries:** Pandas, NumPy, Altair
- **Technical Skills:** MacOS, Windows, Microsoft Office, Google Workspace, OO Programming, Team Oriented, UML Design
- **Languages:** Spanish & English