Gustavo Guijarro

LinkedIn: https://www.linkedin.com/in/gustavoguijarro/
Email: gustavoguijarro01@gmail.com

GitHub: https://gustavog26.github.io/main.html Mobile: (720)-499-4674

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