

Rafael Rasse

+1(479)321-1031 • rafaelrase2@gmail.com • www.linkedin.com/in/rafael-rasse/

EDUCATION

University of Arkansas | College of Engineering

Expected Graduation: December 2024

Major | BS Computer Science | Minor | Mathematics | Minor | Data Analysis

- **GPA:** 3.56/4.0
- **Honors:** Dean's List - Spring 2019 until Fall 2023
- **Related Courses:** Statistics, Software Engineering, Artificial Intelligence, Honors Operating Systems, Computer Graphics, Honors Programming Paradigms, Databases

PROFESSIONAL EXPERIENCE

Data Science Analyst Intern - McMillon Innovation Studio | Black Apple Brewery

Aug. 2023 - Present.

- Utilized advanced **Power BI**, **Excel** and **SQL**, to identify growth opportunities and enhance operational efficiency for Black Apple Brewery, contributing to a **10%** increase in production output.
- Lead face-to-face interactions with customers, gathering valuable feedback and insights to inform product development strategies.
- Implementation of a robust **SQL database** infrastructure, enabling efficient data management and analysis. Leveraged data-driven insights to creatively address production challenges

Product Development Python Intern- Gainwell Technologies

May. 2023 - Aug. 2023

- Developed and executed efficient **Python** scripts and **SQL** queries to extract, manipulate, and analyze large-scale dataset. Maximizing profit of **200k**/yearly for the company.
- Assisted in bridging the gap between the business unit and tech by effectively communicating technical concepts and translating them into non-technical terms.
- Collaborated cross-functionally, identifying data-driven insights, proposing solutions, optimizing database structures, ensuring data integrity, to achieve successful project outcomes.

Customer Experience Representative, Walmart ICS: Dry and Refrigerated - J.B. Hunt Transport

Aug. 2021 - Aug. 2022

- Ensured on time delivery, damage free services, and accurate billing through scheduling up to **180/day** pick-up and delivery
- Proactively communicated with and respond to internal and external customers checking load status and/or resolving problems to achieve customer satisfaction and minimize service failure.

SKILLS & ABILITIES

- **Programming Languages:** Python, C++, TypeScript, JavaScript, CSS, HTML, SQL, Java, OOP concepts
- **Certifications:** Python Zero To Mastery. Web development fluent. Cybersecurity practices in progress: Zero To Mastery
- **Tools/Tech:** Figma, Power BI, PowerPoint, Walmart Retail Link, Earlang Calculator, Excel, Python repositories. WebFlow
- Exceptional communication, Spanish / French, leadership, and presentation abilities. Extensive experience working with DEI

PROJECTS

Wireless Smoke Alarm Detector (HTML, CSS, RaspberryPi)

Nov. 2022

- Created an interactive website using HTML and CSS to complement the Wireless Smoke Alarm Detector.
- Demonstrated strong technical proficiency by integrating hardware components and software solutions. Collaborated with a team of 3 computer science students, dedicating 24 continuous hours to the project.

Trading stocks Website implementing JP Morgan perspective API (Python)

Dec. 2023

- Implemented the JP Morgan Perspective API, a powerful tool for interactive analytics and data visualization.
- Designed the graph with the specific purpose of allowing traders to monitor and identify potential trading opportunities.

Turtle Invasion, Interactive Online Game(Java, Typescript, HTML, JSON, AJAX, HttpServer)

Sept. 2023

- Utilized AJAX technology to establish seamless communication between the front-end and back-end components
- Implemented a secure and efficient HTTP communication system, enabling multiple browsers to connect to the back-end server.

LEADERSHIP & INVOLVEMENT

Venezuelan Angels - Non-Profit Founder | Cumana, Venezuela

Dec. 2019 - Present

- Organized funding & led 21 volunteers every holiday, to provide gifts and meals to children in low resource areas
- **Partnership** - Partnered with local community members, and corporations to assist in fundraisers

Out For Undergrad - Attendee of the inaugural Out For Undergrad Digital conference in NYC

Sept. 2023

ColorStack -Member, helping Black and Latinx students get hired in technology roles

Aug. 2023 - Present

Youth Ambassador - Selected by the US. Embassy to provide understanding about youth in Venezuela

Oct. 2017 - Present