Joey Paul Eli Haynes

405-201-5801

joeypaulhaynes@yahoo.com

linkedin.com/in/jose-haynes

github.com/jpthefish

Profile

Collaborative engineer and researcher focusing on the quality and sustainability of social practices and engineered systems. Experience in statistical analysis, computer/software engineering, and HCI/UI/UX design.

Experience

Research Assistant, University of Oklahoma; Norman, OK — August 2023–present
• Conducted exploratory data analysis and utilized machine learning algorithms to identify patterns and trends in bird migration and artificial light data, aiming to inform public policy
• Collaborated with 5+ researchers in the Gallogly College of Engineering and across departments

Sales Associate, Walmart; Yukon, OK – June 2020–present
• Enhanced stock and appearance of merchandise, driving over 5.5% YoY sales increase
• Trained and mentored 20+ employees, fostering professional development and job performance

Grazioso Salvare Rescue-Animal Analytics Dashboard (GitHub)
• Created a full-stack analytics dashboard for a business using Python, MongoDB, and Dash
• Developed interactive data visualization components, including tables, charts, and a geolocation map, allowing stakeholders to access and filter animal shelter data by relevant criteria

Design & Research Repository — jpthefish.com (GitHub)
• Deployed a collaborative full-stack web application with daily traffic using React.js and Firebase
• Designed and implemented a responsive UX design with careful attention to visual accessibility

Sorting Algorithm Visualizer (GitHub)
• Developed an interactive UI using Python that visually illustrates the sorting methods of heap sort, merge sort, quick sort, and bubble sort

Education

B.S. in Computer Science, Southern New Hampshire University; Manchester, NH – May 2024
• Minor in Applied Mathematics
• Cumulative GPA of 4.00/4.00

Skills

Technical Skills
• Languages: Python and SQL; R, Java, C/C++, MATLAB, and Javascript
• Data technology: PostgreSQL, MySQL, MongoDB, and Firebase/Firestore
• Tools and frameworks: Git, AWS, Docker, OpenGL, React, and Tableau

Certifications
• Google Advanced Data Analytics Professional Certificate; Google LLC and Coursera Inc.
• Business Management and Leadership Certificate, Bellevue University; Bellevue, NE

Hobbies, Interests, & Other Skills
• Intermediate Spanish language (B2) and French language fluency (B1)
• Performed classical and jazz piano for audiences of 20+ people