

Joey Paul Eli Haynes

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Profile	Collaborative, forward-thinking, and goal-driven college senior with a working emphasis on quality and sustainability. Knowledge and experience in statistical analysis, engineering, and HCI/UI/UX design.
Education	B.S. in Computer Science, Southern New Hampshire University; Manchester, NH – Dec. 2023 <ul style="list-style-type: none">• Minor in Applied Mathematics• Cumulative GPA of 4.00/4.00
Experience	Grazioso Salvare Rescue-Animal Analytics Dashboard (GitHub) <ul style="list-style-type: none">• 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 Portfolio & Research Website — jpthefish.com (GitHub) <ul style="list-style-type: none">• Deployed a full-stack web application with daily traffic using React.js and Firebase• Engineered a collaborative messaging platform where users can share ideas and feedback• Designed and implemented a responsive UX design with careful attention to visual accessibility Sorting Algorithm Visualizer (GitHub) <ul style="list-style-type: none">• Developed an interactive UI using Python that visually illustrates the sorting methods of heap sort, merge sort, quick sort, and bubble sort Sales Associate, Walmart; Yukon, OK – June 2020–present <ul style="list-style-type: none">• Enhanced stock and appearance of merchandise, driving over 5.5% YoY sales increase• Trained and mentored 12+ employees, fostering professional development and job performance
Publications	Haynes, J.P. (2023) “Dynamics of Migration and Population Change” jpthefish.com/research <ul style="list-style-type: none">• Conducted exploratory data analysis and utilized machine learning algorithms to identify patterns and trends in population data, sharing reports and infographics with 5,000+ daily viewers
Skills	Technical Skills <ul style="list-style-type: none">• Languages: Python and SQL; R, Java, C/C++, HTML, CSS, and Javascript• Data technology: PostgreSQL, MySQL, MongoDB, and Firebase/Firestore• Tools and frameworks: Git/GitHub, MATLAB, Tableau, Angular, and React Certifications <ul style="list-style-type: none">• Google Advanced Data Analytics Professional Certificate; Google LLC and Coursera Inc.• Business Management and Leadership Certificate, Bellevue University; Bellevue, NE Hobbies, Interests, & Other Skills <ul style="list-style-type: none">• Intermediate Spanish language (B1) and French language fluency (B2)• Performed classical and jazz piano for audiences of 20+ people