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PETER LEONARD

Full-stack Developer and Med-Tech Researcher

PROFESSIONAL SUMMARY

Full-stack web developer for med-tech, non-profit, and online learning platforms. Bringing additional skills in electronic hardware and data analysis.

EMPLOYMENT HISTORY

PROMPT ENGINEER / SOFTWARE DEVELOPER

ChatNOLA (Civilized AI), New Orleans, LA | Jan 2025 - Present

- ◆ Developing chat agents that interact with the New Orleans city database - reading and writing to the system, allowing citizens to look up past requests, create new requests, and search general city info.
- ◆ Developing and optimizing Django templates for ChatNOLA 311 app, writing custom Python functions, components, and variables, enabling integration within AI-powered agents.
- ◆ Designing and implementing automated tests to validate agent functionality, ensuring reliability and accuracy in AI responses.
Enhancing user experience (UX) and UI consistency by reviewing and refining designs, ensuring accessibility and intuitive interactions.

FRONT END WEB DEVELOPER

Trivium Interactive, Boston, MA | Mar 2024 - Jan 2025

- ◆ Developed custom WordPress solutions enhancing UX, SEO, and accessibility compliance.
- ◆ Created custom themes and plugins, improving site functionality and user engagement.
- ◆ Conducted accessibility testing, ensuring ADA compliance and broadening user reach.

LEAD DEVELOPER

Sounds for Aging, New Bedford, MA | 2023 - Present

- ◆ Developed an original audio application to deliver 40 Hz audio for patients with Alzheimer's and other forms of dementia
- ◆ Networked with faculty in the US and abroad, presenting research in online forums and at in-person conferences.

WEB DEVELOPER / INTERACTIVE DEVELOPER

Raven PMG, New Orleans, LA | Jan 2023 - May 2023

- ◆ Developed and designed interactive brand installations, incorporating real-time user interaction through custom software and electronics - enhancing user engagement.
- ◆ Led website design and development projects, improving functionality and user experience.

WEB COMMUNICATIONS AND MARKETING PROFESSIONAL

Matthew Holdren Design, New Orleans, LA | 2020 - 2022

MANAGER/WEB DEVELOPER

Antiques de Provence, New Orleans, LA | Oct 2013 - 2020

- ◆ Led sales team, boosting international sales through strategic planning and execution.
- ◆ Designed, coded and maintained e-commerce website, enhancing user experience and increasing traffic with SEO.
- ◆ Coordinated international shipping, ensuring timely delivery and customer satisfaction.
- ◆ Implemented email marketing campaigns, improving client engagement and communication.
- ◆ Managed photography for online catalog, elevating product presentation and appeal.
- ◆ Led sales and international shipping teams, driving revenue growth through strategic initiatives and streamlined operations.

FULL STACK WEB DEVELOPER

Tulane University, New Orleans, LA | 2011 - 2013

- ◆ Optimized website functionality, responsiveness and SEO, leading to substantial increase in user engagement. Collaborated with cross-functional teams to deliver projects ahead of schedule.
- ◆ Maintained the university student SQL database and the intranet website where faculty and students could access their data.

EDUCATION

MA, MUSIC SCIENCE & TECHNOLOGY

Tulane University of Louisiana, New Orleans, LA

- ◆ Supporting Areas of Emphasis: App Development, Digital Art, Music Composition, Electronic Hardware Design.

BA, INTEGRATIVE ARTS

Penn State University, College Park, PA