

Paul Schaffner

Designer / Developer

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Professional summary

Designer / Developer with over 20 years of expertise in multimedia production and web development, driving innovation in educational and scientific communication. Skilled in Adobe Creative Suite, responsive design, and content editing, consistently enhancing user engagement and accessibility across platforms. Passionate about leveraging creative problem-solving and collaboration to deliver impactful, visually compelling solutions that elevate identity and outreach.

Employment history

Graphic Designer / Web Developer, Lawrence Berkeley National Laboratory

JAN 2004 - JUL 2025, BERKELEY, CA

- Designed print/digital materials for global physics group, enhancing scientific communication.
- Designed and managed 1,200-page physics review, ensuring accuracy and consistency in print and online.
- Coordinated with researchers to seamlessly integrate data into publications, improving clarity.
- Designed and produced educational posters for physics projects, boosting public engagement and understanding.
- Enhanced user experience by redesigning entire website layout, leading to major UI and UX improvements and increased user engagement with scientific content.
- Designed visually engaging educational posters for the Contemporary Physics Education Project, significantly boosting physics education outreach.
- Coordinated with global network of researchers to integrate new data into publications, ensuring timely updates and accuracy across all platforms.
- Designed user-friendly interfaces, enhancing accessibility and significantly boosting user engagement with scientific content.

Web Developer, Graphic Designer, FIRE Online Training

APR 2002 - NOV 2004, SAN FRANCISCO, CA

- Developed content and structured web-based educational coursework, ensuring clear and engaging learning experiences.
- Managed and produced multimedia elements—including graphics, animations, and interactive components—for integration into online training programs.
- Produced print marketing and advertising materials to support course promotion and outreach efforts.
- Implemented responsive design principles, improving accessibility and user experience across all devices.
- Spearheaded the integration of interactive quizzes into coursework, significantly enhancing learner engagement and retention rates.
- Analyzed user feedback to refine course materials, ensuring continuous improvement and alignment with learner needs.

Skills

Adobe Creative Suite Expert



CSS Experienced



HTML Expert



Project Management Experienced



Print Production Experienced



Writing skills Expert



Photography Expert



Video Editing Experienced



Multimedia Production Experienced



Content Editing Expert



Creative Problem-Solving Expert



JavaScript Skillful



Music Performance Expert



Brand Identity Experienced



Digital Illustration Skillful



English Expert



Responsive Design Skillful



Educational Development Skillful



Links

[My Portfolio](#)

Night Operations Asst. Supervisor, The Home Depot

FEB 2000 - APR 2002,CONCORD, CA

- Supervised and led a team of 12 staff members, providing guidance, training, and support to maintain high performance and teamwork.
- Managed inventory processes, including tracking stock levels, conducting regular audits, and coordinating replenishment to prevent shortages or overstock.
- Assisted in receiving freight shipments by inspecting deliveries for accuracy and quality, organizing incoming goods, and ensuring timely and efficient stocking of merchandise on the sales floor and storage areas.
- Collaborated with management to optimize workflow and maintain a safe, organized, and customer-friendly environment.

3D Animator/Modeling, Video Effects & Editing, DigitalXtreme

MAR 1998 - DEC 2000,PLEASANTON, CA

- Developed 3D models and animations using industry-standard software for diverse media platforms.
- Produced custom graphics and edited corporate videos, enhancing visual storytelling.
- Created engaging streaming media content, improving audience engagement.
- Utilized Adobe Creative Suite for high-quality visual effects and video editing.
- Contributed to documentary projects, delivering impactful visual narratives.
- Orchestrated cross-functional projects to produce high-quality 3D animations, enhancing visual storytelling and client engagement.

Violinist, Pianist, Performance and Coaching, Various

1990 - 2000,SAN FRANCISCO BAY AREA, CA

- Instructed beginners, enhancing skills and nurturing musical growth.
- Performed in orchestras and theater, enriching Bay Area music scene.
- Recorded diverse genres, contributing to projects with notable impact.
- Played synthesizer and bass guitar, showcasing adaptability in styles.
- Coached beginning musicians, enhancing their skills and confidence through tailored instruction, resulting in noticeable improvements in performance.
- Performed with California orchestras and theater productions, delivering captivating performances that consistently garnered positive audience feedback.
- Integrated various musical styles, including rock and industrial, into classical performances, expanding audience reach and engagement.

Education

Bachelor's degree in Graphic Design, Art Institute of Pittsburgh

NOV 2012 - NOV 2014

Dean's List recipient

Additional information

Publications

REVIEW OF PARTICLE PHYSICS

A biennial production of which I have contributed since 2004-present. The Review of Particle Physics is updated yearly and published every two years in a HEP journal. The Review includes a compilation and evaluation of measurements of the properties of known elementary particles and summarizes searches for hypothetical new particles. For the 2024 edition, 2,717 new measurements from 869 papers were added, in addition to 46,838 measurements from 12,909 papers that first appeared in previous editions. 120 individual review articles discuss topics such as Higgs bosons, supersymmetry, Big Bang nucleosynthesis, probability, statistics, accelerators and detectors.

Publications

19 WAYS THAT ART AND THE LHC OPEN A PORTAL TO PHYSICS

Interactive piece for Scientific American detailing particle physics and its interaction with artistic visualization.

Volunteer Experience

LINDSAY WILDLIFE

Volunteer with Lindsay Wildlife, a nonprofit organization dedicated to the rescue, rehabilitation, and release of injured or displaced wildlife back to their native habitats. Assisted with the feeding, cleaning, medicating of several bird species such as ravens, crows, eagles, owls, and songbirds. Led a community outreach initiative focused on raising public awareness about local urban wildlife, wildlife corridors, and wildlife assistance programs. Spearheaded the design, construction, and distribution of free bat boxes to support the re-establishment of native bat populations affected by habitat loss due to urban development.