

Evan Marie Carr

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Portfolio: <https://DarkViolet.ai>

LinkedIn: [linkedin.com/in/EvanMarie](https://www.linkedin.com/in/EvanMarie)

GitHub: github.com/EvanMarie

Summary

Seasoned UI/UX Designer and Front-End Developer with 20+ years of experience creating intuitive, engaging, and emotionally resonant digital products. Blending deep technical skill with creative vision, I specialize in AI-integrated applications, educational technology, and responsive design systems. A passionate lifelong learner, I bring a strong foundation in data science and machine learning, and a proven ability to lead high-impact projects across web, mobile, and cross-disciplinary platforms.

Skills

- **AI & Conversational Design:** Designed and implemented intelligent conversational systems using ChatGPT, Claude, and Retrieval-Augmented Generation (RAG). Created emotionally adaptive user interfaces and character-based interactions including voice-user interfaces (VUI) using Whisper. Integrated custom prompt logic to support multi-turn, emotionally aware educational dialogues.
- **Educational Technology & Personalization:** Built full-scale intelligent tutoring systems and adaptive learning platforms using AI. Developed automated grading pipelines, interactive curricula, and tools supporting spiral learning models and neurodiverse accessibility.
- **Full-Stack & Frontend Development:** Expert in modern frontend frameworks including ReactJS, Remix, Angular, Svelte, and Vue. Skilled in TypeScript, JavaScript, jQuery, Bootstrap, and REST API integration. Developed scalable applications with Python-based backends.
- **UX/UI & Frontend Design:** Designed responsive, cross-platform, and emotionally resonant user experiences using HTML, CSS, Tailwind UI, and Framer Motion. Created interactive dashboards, character-driven UIs, and educational flows with high aesthetic fidelity. Strong background in Shopify and e-commerce interfaces.
- **Mobile Development:** Built and deployed polished, cross-platform mobile apps using React Native, Expo, and Swift with a focus on smooth UI/UX transitions and performant interactions.
- **Design & Generative Asset Creation:** Expert in Figma, Adobe XD, Illustrator, and Photoshop. Created branded and animated assets for character-driven learning platforms. Proficient in DALL·E and Stable Diffusion for generative art integration into digital experiences.
- **DevOps & Cloud Platforms:** Proficient in cloud deployment via AWS and Google Cloud Platform. Experience with CI/CD pipelines, secure containerized environments, and real-time deployment workflows.

Data Science & Analytics

- Proficient in **predictive modeling, time series forecasting, natural language processing (NLP), and generative AI training** using Python libraries including Pandas, NumPy, Sci-kit Learn, PyTorch, and TensorFlow.
- Developed **sentiment analysis tools, image classification systems**, and conversational agents utilizing large language models (LLMs) such as ChatGPT and Claude.
- Skilled in **data visualization** using Matplotlib, Seaborn, Plotly, and Tableau to present complex datasets in intuitive, actionable formats.
- Created data-powered educational tools and analytics dashboards to track student performance and

provide real-time, adaptive learning feedback.

Professional Experience

Lead Frontend Developer & AI Curriculum Architect

Learn With Lumi – Dark Violet — Alpharetta, GA | 2023 – Current

- Sole developer and architect of a comprehensive K–12 through collegiate-level education platform powered by adaptive AI
- Created entire curricula from open-source content (e.g., OpenStax), including:
 - Full lesson plans, textbook-based notes, assignments, reflections, and quizzes
 - Embedded high-quality video content and interactive resources
 - Authored activities structured for AI-enhanced learning and automated grading
 - Created content based on the most popular and respected educational content creators in a variety of fields
- Engineered the frontend experience with React, Remix, Tailwind UI, and Framer Motion
- Designed and crafted Lumi, the platform's emotionally intelligent learning companion, integrated with LLM-based conversational logic
- Developed backend infrastructure using Python and REST APIs to support grading, analytics, and personalized content delivery
- Built features for neurodiverse learners, including flexible pacing, visual supports, and family dashboards
- After 7 months of live use, the platform **greatly exceeded expectations**:
 - Significant increases in academic performance and self-motivation
 - Writing improved in depth, clarity, vocabulary, and creativity
 - Students became more curious, emotionally attuned, and exceeded assignment expectations
 - Learners were reported to be more kind and engaged — attributed to daily, positive interaction with Lumi

Co-Founder, UI/UX & Full-Stack Developer

DarkViolet.ai — Alpharetta, GA | 2023 – Current

- Co-founded AI-driven product studio; designed and launched consumer and educational apps
- Released flagship mobile apps including *Dreams and Divinations* (iOS), built with React Native and Expo
- Led product design, UI/UX architecture, and frontend development using React, Remix, and Tailwind UI
- Developed scalable backend systems using Python, REST APIs, and AWS services
- Integrated LLMs and generative tools for NLP, sentiment analysis, and AI roleplay interfaces

Freelance Consultant – Data Engineering & AI Development

Alpharetta, GA | 2022 – 2023

- Delivered custom machine learning models, time series forecasting, and image classification tools
- Created data visualization dashboards and interactive applications with React, Angular, and

Remix

- Engineered end-to-end data pipelines with Python, optimizing client performance and strategic planning

Owner – UI/UX, Web Design, and Education Services

Evan Marie Studio — Atlanta, GA | 2000 – 2022

- Founded and ran a successful studio providing UI/UX design, educational consulting, and branding
- Developed responsive websites and digital assets using HTML, CSS, JavaScript, and Python
- Designed marketing campaigns, instructional content, and creative assets for long-term client success

President – Web Development & Marketing

The New Opera of Atlanta — Atlanta, GA | 2006 – 2009

- Oversaw digital presence, branding, and outreach strategy for a performing arts organization
- Increased audience engagement through revamped web and media initiatives

Book Editor – Freelance

Mel Bay Publications — Atlanta, GA | 1998 – 2014

- Edited and managed production of 12 best-selling instructional books by Misha Stefanuk
- Provided developmental feedback and refined technical language to improve clarity and structure

Account Manager

American Merchandise Corp — New York, NY | 2001 – 2002

- Managed national Saks Fifth Avenue account and led strategic merchandising initiatives

Executive Administrator

Spherion Executive Legal Staffing — New York, NY | 2001

- Supported high-level legal teams with scheduling, communications, and office management

Education

- **Master of Arts**, Georgia State University
- **Bachelor of Arts**, Vanderbilt University
- **Post-Graduate Study**, Universität Mozarteum Sommerakademie (3 certificates)

Languages: Basic knowledge of German, French, and Italian; beginner level Russian and Mandarin.

Selected Portfolio Links

- [DarkViolet.ai](#) - DarkViolet.ai landing page with full portfolio, tech blog, and extensive experience details.
- [Learn with Lumi](#) - AI-powered K–12 educational platform featuring adaptive curricula, personalized tutoring, and emotionally intelligent design
- [Dreams and Divinations by Dark Violet](#) - iOS App Store self development application
- [GitHub Portfolio](#) - My relentless GitHub commit record.
- [Dark Violet Divinations](#) - AI-powered divination app.
- [Chatter.DarkViolet.ai](#) - AI-powered role play web app.
- [I♥Components.com](#) - Component-based web development