

Madeline Verbica

Los Angeles, CA | madeline.verbica@gmail.com | (831) 239-3630 | linkedin.com/in/MadelineVerbica

Digital Education Specialist with an M.Sc. in Medical Visualization and Human Anatomy. Skilled in creating accurate surgical animations and illustrations, and supervising cross-departmental workflows. Bilingual with experience in clinical care settings, medical translation, startup operations management and youth programming.

SKILLS & TECHNOLOGY

Leadership / Operations / Project Management (*ClickUp, Monday*); **Curriculum Design** (*Articulate Rise, Canvas, Moodle*); **UI / UX** (*WordPress, Loveable, WIX*); **3D Modeling** (*3DsMax, Maya*); **Video Editing** (*After Effects*); **Gamification** (*AR, VR, Unity*); **Digital Illustration** (*Adobe Illustrator, Adobe Photoshop*); **Bilingual** (*English, Spanish*).

INSTRUCTIONAL DESIGN EXPERIENCE

Medical Illustrator, Animator, Web Developer — Freelance Remote | 2022 – Present

- Stanford Medical: Collaborated with Mardi Karin, MD, FACS to create illustrations and animations for presentation at the World's Congress of Surgery, Breast Surgery International Prize Abstract Session, Vienna.
- U Conn: Designed and co-developed a website for BrainWaves: An EEG-based Neuroscience Curriculum.
- Tufts: Web design and illustration for the Prevalence of Antibiotic Resistance in the Environment Project.

Senior Partner, Director of Medical Animation — Journal of Medical Insight Remote | 2021 – 2022

- Created 48 surgical procedure animations to train medical students and surgeons across 200+ institutions.
- Optimized workflows between surgeons, editors, and animators, ensuring accuracy and timely publication.
- Prototyped new website to increase user engagement and reorganize 300+ videos across 14 specialties.
- Built an asset library to immortalize 100+ illustrated anatomical features and surgical instruments for reuse.
- Spearheaded automation of the editorial review process to speed up video publication timeline.

Curriculum Illustrator — Tufts University School of Medicine Boston, MA | 2017 – 2020

- Produced 200+ didactic illustrations for online graduate-level courses in health education specialties.
- Designed and developed Center for Science Education website to organize educator and student portals.

Science Illustrator — Tellart and Biomuseo Panama City, Panama | 2018

- Created 38 watercolor paintings to depict species interactions in permanent interactive museum exhibition.

ADDITIONAL PROFESSIONAL EXPERIENCE

Hospitality Operations Consultant, Bar Lead, Server/Bartender Los Angeles, CA | 2022 – Present

- Helped open a 10k sq ft restaurant generating ~\$40k in nightly sales; trained 16 bartenders, authored cocktail and operations manuals, optimized tech systems, and worked in extremely fast-paced environments.
- Designed websites and training resources for a luxury hospitality startup opening a venue in Hollywood.

Patient Care Technician — UPMC Neurological Services Unit Pittsburgh, PA | 2021

- Provided direct care to neuro-oncology patients during COVID-19 emergency response.

Research Assistant — Smithsonian Tropical Research Institute El Giral, Panamá | 2017

- Collected and analyzed ecological data; integrated findings with ArcGIS visual interface for further research.

Medical Translator — Trinity Free Clinic Indianapolis, IN | 2016

- Liaison between patients and providers in pediatric, gynecology, optometry, urgent care and general clinics.

Head Resident Advisor — Walnut Hill School for the Arts Natick, MA | Summers, 2012-16

- Supervised and planned activities/field trips for 200+ kids across 5 performing and visual arts programs.

EDUCATION

- MSc Medical Visualization and Human Anatomy** | Honors — University of Glasgow, UK 2019–2020
- Certificate, Natural Science Illustration** — Rhode Island School of Design, RI 2017–2018
- BS Biology & Spanish, Dance Minor** | High Honors, Top 100 Student — Butler University, IN 2012–2016
- Additional Coursework: **AI in Healthcare Specialization** — Stanford Online (2024); **General Chemistry** — UCLA Post Baccalaureate Pre Med (2021); **Anatomy & Physiology** — Harvard Extension School (2018)