

ABOUT

Product developer experienced as an individual contributor and cross-functional management able to drive and execute technically complex applications in the healthtech industry. Dedicated to examining and optimizing communication strategies for the effective dissemination of knowledge. Excited to apply multi disciplinary skills acquired in a startup environment.

SKILLS

Technical Specialties

- Agile & Hybrid methodologies
- Animation
- Client relationships
- Cross functional management
- Data entry
- Data management
- Illustration
- Instructional design
- Interactive design
- People management
- Project management
- Project planning
- Medical education
- Medical research
- Scrum
- Storyboarding
- Surgical training
- User experience
- VR Design
- VR Development

Software

- AI
- Adobe CC
- Airtable
- Axure
- Atlassian Jira
- Atlassian Confluence
- Figma/Figjam
- Google Workspace
- Microsoft Excel
- Microsoft Word
- Miro
- Maya
- Unity
- ZBrush

Subject Specialties

- Anatomy
- Clinical research
- MCAT
- Medical device
- NCLEX
- Orthopedic medicine
- Pathology
- Physiology
- Surgery
- USMLE

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Seeks measurable iterative improvement • Builds culture of psychological safety • Adaptable • Efficacious communication • Makes knowledge accessible

EXPERIENCE

Osso VR

Manager, Content Production

2022-2025

Medical Illustrator

2021-2022

Associate Medical Illustrator

2019-2021

- Achieved a 93% on-target completion rate and above 90% quality score for VR builds across all projects managed in 2023.
- Reduced average project timelines from 14+ months to 9 months .
- Lead end-to-end visual design, content development, and production of highly accurate VR surgical procedures for enterprise medical device clients; managing up to 7 projects concurrently.
- Conduct user-centric design discovery sessions and develop technical design plans; breaking down complex surgical procedures into a series of steps translatable to VR educational design.
- Led iterative design review sessions at key development milestones with client teams and internal stakeholders to deliver full educational accuracy, and end-user value.
- Adaptive to changing client and internal needs and resourcing.
- Contributed to company goal of “remove friction and create capacity” by reducing interdepartmental communication friction and errors via development of a unique VR storyboard strategy.
- Collaborate throughout the development process with cross-functional partners across Product, Art, Engineering, Platform, Unity Developers, QA, and Client Services.
- Manage up to 7 staff members at a time spanning across Medical Illustration, Organic Art, and Hard Surface Art. Guided professional development, coaching on design scoping, management of tasks using Agile and hybrid methodologies, and assigning company driven initiatives in alignment with individual skills and goals.
- Capable in individual contributor and management roles.
- Start up company, approximately 20 employees at my start with a max of 200.

UWorld

Medical Illustrator

2016-2019

- Collaborated with clinical subject matter experts and conducted independent research to create medical and biological illustrations.
- Learned new 3D software and pioneered incorporation of 3D elements for use in 2d illustration to allow for rapid iteration and the creation of a library of reusable assets increasing department efficiency.
- Content covered a range of material spanning USMLE, NCLEX, and MCAT.
- Consistently met or exceeded monthly productivity and quality standards.

Freelance

Medical Illustrator

2015-2016

- Freelance work for a variety of clients including physicians, publishing departments, and PhDs for use in publications, grant and other funding applications, and presentations of work and research.
- Created a 2D animation, 2D and 3D illustrations for both print and digital output.

HONORS & AWARDS

Award of Merit, Professional
Didactic/Instructional, AMI Salon

Award of Merit, Student
Didactic/Instructional, AMI Salon

Bodian Art Scholarship, Johns
Hopkins School of Medicine

Leon Schlossberg Scholarship,
Johns Hopkins School of Medicine

William P. Didusch Scholarship,
Johns Hopkins School of Medicine

EXPERIENCE (cont.)

JHU Center for Immunization Research

Research Program Supervisor	2011-2014
Research Program Supervisor	2013-2014
Research Program Assistant II	2011-2013
Research Program Assistant I	2011

- Assisted with phase 2 clinical trials primarily Flavi Virus and mucosal vaccines and challenges NIH contracts.
- Handled recruitment, data recording and management, QA and QC, capturing vitals, specimen processing and prep, proctoring consent protocols, management of appointments, assembled annual and semi annual department reports.
- Public trust security clearance.
- Managed 3 people.

Rubin Institute for Advanced Orthopedics

Publishing Internship	2009
• Worked in the Publication Department creating internal conference materials and materials for the orthopedic unit's involvement with Operation Rainbow including an illustration on club foot wrapping technique for non-invasive intervention.	

PROFESSIONAL ASSOCIATIONS

2014-Present	Association of Medical Illustrators
2025-Present	Project Management Institute

EDUCATION

2014-2016	Johns Hopkins University School of Medicine M.A. Medical and Biological Illustration / Baltimore, MD Masters Thesis: A Comprehensive and Sensitive Approach to Rapid Autopsy Education Via a Web-Based Interactive
2010-2012	Towson University Scientific Coursework / Towson, MD
2007-2011	Maryland Institute College of Art B.F.A. Drawing, Art History Minor / magna cum laude / Baltimore, MD

PUBLICATIONS

Durbin AP, Kirkpatrick BD, Pierce KK, Carmolli MP, Tibery CM, Grier PL, Hynes N, Opert K, Jarvis AP, Sabundayo BP, McElvany BD, Sendra EA, Larsson CJ, Jo M, Lovchik JM, Luke CJ, Walsh MC, Fraser EA, Subbarao K, Whitehead SS. A 12-Month-Interval Dosing Study in Adults Indicates That a Single Dose of the National Institute of Allergy and Infectious Diseases Tetravalent Dengue Vaccine Induces a Robust Neutralizing Antibody Response. The Journal of Infectious Diseases, 2016 Feb 16 PMID: 26908742