



Helen Tang

Biomedical Visualization

Phone: (408)-829-9829

Website: helentangbioviz.com

Address: 953 White Dr,
Santa Clara, CA 95051

Skills

- Illustration
- Research
- Writing
- Presentation
- 2D & 3D animation
- UX/UI design
- Web and app design
- Voiceover

Software

- Adobe CSS:
Photoshop
Illustrator
Fresco
XD
AfterEffects
InDesign
Audition
- Cinema 4D
- Maya
- ZBrush
- Unity
- PyMOL
- ePMV

Knowledge

- Molecular biology
- Neuroscience
- Anatomy & Physiology
- Biochemistry

Key Strengths

- Visual and written communication
- Systematic thinking
- User research

Education

Master of Arts, Medical and Biological Illustration | 2018–2020

Johns Hopkins University School of Medicine, Baltimore, MD

Thesis: Personalizing Hospital-based Stroke Education: Designing a novel recovery app to prepare patients for the transition home

Bachelor of Arts, Biology | 2012- 2016

Brown University, Providence, RI

Professional Experience

Freelance Biomedical Illustrator | 2020-Present

Clients: Department of Neurological Surgery, University of California San Diego; Functional and Cognitive Neurophysiology Laboratory, Baylor College of Medicine; Center for Getting Things Started

- Created illustrations for a manuscript publications and science illustrations for C4GTS's *Mamaki Ola* curriculum e-book

Associate Medical Illustrator | 2020-2022

OssoVR

- Designed VR-based surgical training modules to improve quality and accessibility of surgical education, responsible end-to-end from design to final build
- Liaised with external clients (surgeons, product specialists) and internal team members (art, engineering, customer experience) to build innovative, targeted learning solutions

App Designer | 2020

Product: [Masters thesis](#)- Personalized stroke recovery app and [Presentation](#)

Client: Comprehensive Stroke Center, Johns Hopkins Hospital

- Designed prototypes and information architecture to lay groundwork for development of a novel app to improve hospital-based stroke education
- Conducted patient needs assessment & market research, created user personas, set project objectives, led team meetings, conducted informal usability testing, adopted iterative workflow under a tight deadline

Biomedical Illustrator and Animator | 2018-2020

Product: Pen and ink illustration, Color illustration, 2D animation, 3D Animation

Clients: Center for Bioengineering Innovation Design; Functional Anatomy and Evolution, Johns Hopkins University

- Researched, scripted, storyboarded, animated, and narrated a short explainer animations for a variety of target audience, including first-year medical students, medical device investors, and undergraduate biology students
- Animations: [Role of the Lacteal in Lipid Transport](#), [Eliminating Collateral Ventilation](#), [Orthokeratology](#)

Honors

Vesalius Trust Research Grant | 2020

Vesalius Trust

First Place Winner | 2014 Brain Awareness Video Contest

Society for Neuroscience