

ANDREA LAM

BIOMEDICAL ARTIST & DESIGNER

www.andrealam.ca
andrea.r.lam@gmail.com
Toronto, ON

SKILLS

3D Modeling
2D & 3D Animation
Motion Graphics
Graphic Design
Illustration
Storyboarding
Character Design
Research
Javascript
HTML/CSS
React.js
Git

TOOLS

Adobe (Ps, Ai, Pr, Ae, Id)
Maya
ZBrush
Blender
OpenToonz
UCSF Chimera
GitHub
Figma

EDUCATION & AWARDS

M.Sc. in Biomedical Communications

University of Toronto, 2018

Award of Excellence

Association of
Medical Illustrators, 2018

H.B.Sc. in Biology (Physiology Specialization)

McMaster University, 2014

EXPERIENCE

Medical Animator | Klick Health

AUG 2018 - PRESENT

Produce medical and non-medical illustrations, 2D & 3D animations, VR & AR experiences for global healthcare organizations and partners. Other responsibilities include creating estimates, storyboards, concept art, as well as presenting work to clients and actively participating in cross-team collaboration within the company.

Freelance

SEPT 2017 - PRESENT

Created various scientific illustrations and visualizations, including graphics for a medical review handbook for UofT medical students, 'Toronto Notes.'

Teaching Assistant | University of Toronto

SEPT 2017 - DEC 2018

Guided undergraduate students in developing their writing abilities, as well as their critical thinking skills in reviewing scientific literature.

Multimedia Artist & Developer | McMaster University

MAY 2017 - DEC 2017

Produced illustrations, animations, and interactive figures for an anatomy & obstetric e-textbook, 'Comprehensive Midwifery - Normal Pregnancy, Birth, Postpartum & Newborn Care', with regular reviews with stakeholders to ensure scientific accuracy and thoughtful design.

PROJECTS

Codon Translation Tool

JUN 2022 - AUG 2022

Designed and coded an educational web tool that translates an inputted mRNA codon sequence to the corresponding amino acid.

Kidney-on-a-Chip

JUN 2017 - AUG 2018

Created an animation in collaboration with biomedical engineers from the University of Toronto to highlight current research and breakthroughs in kidney tissue cell engineering.

Antibiotics & You

MAR 2018 - APR 2018

Produced a fun, digestible 2D animation to educate patients and families about antibiotics and bacteria (what they are, side effects, and common misconceptions), and is featured on the UHN Patient Education Youtube channel with over 120K+ views.