



CHRISTINE SHAN

Science Illustrator | cshan-visuals.com

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EDUCATION

Masters of Biomedical Communications

2018 - 2020

University of Toronto

Bachelor of Science in Biochemistry

2013 - 2018

University of British Columbia

EXPERIENCE

Project Manager

Scientific Animations

Aug 2021 - Present

- Oversee the production of 3D animations for clients in the biotechnology, pharmaceutical and medical device industries
- Worked directly with clients and production team for the entire process of various projects
- Write the script if necessary, determine the visual style, create the storyboard and clarify client feedback at each production stage
- Internally reviews the deliverables from production to ensure the quality and accuracy

Science Storyteller

SciStories LLC

Aug 2020 - Aug 2021

- Managed the production of a 2D animation by planning the timeline, providing an estimate, sourcing voice over talent and purchasing stock music
- Communicate directly with clients for the entire process of various projects to establish the concept, determine the style, answer questions and clarify client feedback
- Create compelling visuals to help scientists communicate their research



Medical Illustrator

Queen's University: Faculty of Health Science

Jan 2020 - Aug 2020

- Develop Illustrations for the Bachelor of Health Science online course modules that visually communicate complex science topics to undergraduate students
- Use Illustrator and Photoshop to create clean and concise digital visualizations that meet educational goals
- Work with course developers and professors to design illustrations and edit them according to their feedback

RESEARCH

Biotechnology Co-op Student

Jan 2017 - Aug 2017

Stemcell Technologies: R&D Cell Separation

- Optimized the cell separation kit that can isolate embryonic stem cells from umbilical cord blood and leukapheresis-enriched peripheral blood
- Practiced public speaking skills by giving a 30-minute presentation in front of the cell separation department
- Exercised time management skills in planning experiments that lasted up to 8 hours long and found ways to use the laboratory time efficiently

Research Co-op Student

May 2016 - Dec 2016

Laval University: Dr. Patrick Provost's Lab

- Characterized protein markers and microRNA profile of microparticles that were isolated from commercial cow's milk
- Designed and optimized experimental protocol for new projects and grant applications such as loading microRNAs into milk microparticles via electroporation
- Assisted in cell culture tasks such as cell passage, cell counting, and cellular fractionation

LANGUAGE

English native proficiency
Mandarin native proficiency

TRADITIONAL

Watercolor
Graphite
Pen and ink

SOFTWARE

Photoshop
Procreate
Illustrator
InDesign
AfterEffects
Premiere Pro
Zbrush
Cinema4D
Chimera
Pymol
VMD

SPECIALTIES

2D animation
Graphic medicine
Editorial covers
Comic illustrations