

Haley Lee

Skills: Storyboarding and Prototyping (Microsoft, Figma), developing digital curriculum assets (videos, games), content authoring tools (Articulate Storyline and Rise, Vyond Video), web design (HTML, CSS, Javascript), user testing, user experience testing, training and development, managing relationships, video editing, stakeholder management

INSTRUCTIONAL DESIGNER

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Portfolio <https://sites.google.com/view/haley-l-montgomery/>

EXPERIENCE

Instructional Designer

2024 – Current

Freelance (Developed 6 projects, 1 project ongoing)

- **Designed case-based and scenario-driven courses** for radiology professionals and general surgery residents, focusing on real-world application and decision-making to support clinical learning.
- **Developed interactive modules for complex medical topics** using Articulate Storyline, incorporating trigger-based visuals, slider components, and layered explanations to foster engagement and enhance comprehension. Leveraged the ADDIE framework to ensure structured, impactful learning experiences.
- **Conducted detailed learner analyses for medical device company**, applying adult learning theories like self-determination theory and intrinsic motivation to address specific learning needs and enhance learner engagement.
- **Integrated AI technologies to accelerate course development**, streamlining content creation processes and enabling rapid updates to align with evolving medical knowledge and technological advancements.
- **Project Links:**
 - [*High-Fidelity Prototype of an interactive Lesson on Compound Interest \(created with Figma\)*](#)
 - [*Mini-Lesson on reducing radiation exposure through conservative approach to CT scan \(created through Articulate Rise\)*](#)
 - [*How does the X-Ray Tube Work? \(created through Articulate Storyline\)*](#)

Professor, Korean Language

2021 – 2022

Seneca College (3 semesters of teaching, 25 students per semester)

- **Developed targeted assessments, supplemental videos, and interactive learning activities** for in-person, asynchronous and synchronous learning environment, enhancing learner engagement and retention.
- **Conducted live, interactive training sessions** via Zoom, effectively managing up to 25 students per session and fostering a collaborative learning atmosphere that supports diverse learner needs.
- **Created real-world application exercises** to strengthen practical skills, providing tailored support and personalized learning pathways that consistently led to measurable improvement and high learner satisfaction (average rating: 5/5).
- **Project/Sample Lessons Links:**
 - [*VR Experience developed with Adobe Captivate*](#)
 - [*Dynamic virtual lesson created with iPad applications*](#)
 - [*Video lesson created with iPad applications and video editing software, VEED.IO*](#)

Medical Imaging Technologist, Positron Emitting Tomography

2022 – Current

Mobile PET/CT Companies: Akumin Corp, HCS Group

Performing accurate and quality diagnostic imaging tests for oncology patients.

- **Independently resolved technical, equipment, and network issues**, ensuring minimal disruptions and maintaining high standards of operational efficiency.
- **Facilitated effective communication among patients, multidisciplinary teams, and key stakeholders**, including radiation safety officers, radiologists, ordering physicians, product engineers, and medical directors, to optimize patient care and operational coordination.
- **Proactively created instructional demonstration videos** for technological transitions (e.g., EPIC implementation), assisting colleagues in adapting to new workflows and enhancing their proficiency with updated systems.
- **Software/Technologies:** Epic, McKesson PACS, Cerner, GE Healthcare, Siemens, etc.

Medical Imaging Technologist, Nuclear Medicine and Molecular Imaging

2018 – 2022

Regional and community hospitals: Windsor Regional, Royal Victoria Hospital, Health Sciences North

Performing diagnostic imaging tests for Nuclear Medicine Department.

- **Led protocol improvements within the department**, significantly enhancing patient safety and streamlining operational workflows for greater efficiency.
- **Conducted targeted research and facilitated new staff training**, championing quality improvement initiatives to elevate team performance and ensure adherence to best practices.
- **Software/Technologies:** EPIC, Meditech, Cerner, McKesson PACS, Microsoft Excel, GE Healthcare, Siemens, Philips Brightview, etc.

EDUCATION

Master of Education

University of Toronto – Ontario Institute for Studies in Education

- **GPA 4.0/4.0**, Emphasis in Digital Learning and Education
- Specializing in adult education, training and development, curriculum and pedagogy
- **Courses:** Foundation of Curriculum and Pedagogy, Gamification, Qualitative Research, Instructional Design, Creativity in Education, Introduction to HTML, Multimedia for eLearning Developers, etc.

Bachelor of Science

University of Toronto – Medical Radiation Science

Nuclear Medicine and Molecular Imaging Technology

- **Awards/Grants:** Ron Bentley Faculty Memorial Award, Professional Advancement Grant, Award of Excellence in Research (Awarded to the Top Performer in the Graduating Class), SNMMI-TS Travel Grant, SNMMI-TS Top Poster Award and Eastern Great Lakes Top Oral Presentation Award
- **Involvement:** U of T Policies and Procedures, Interprofessional Education Facilitator, SNMMI Scope and Practice, etc.
- **Research:** Re-evaluating the value of CT-based attenuation correction in Myocardial Perfusion Imaging (Abstract published in Journal of Nuclear Medicine and Molecular Imaging Technology, June 2018) – Awarded Top Poster Award

LANGUAGES English, Korean, HTML, CSS, JavaScript