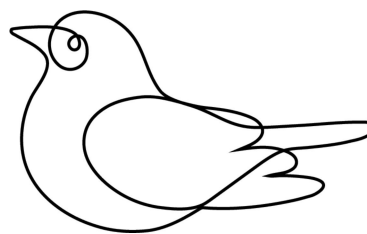# Lauren Rakes

Development Manager & Medical and Biological Illustrator

lprakes@gmail.com | Charlottesville, VA 22901 | (434) 242-3378

laurenrakes.com

EXPERIENCE

Osso VR — *Development Manager*

MAY 2018 - PRESENT

I lead a diverse team of Unity Developers, Tech Artists, Animators/Riggers, and Medical Illustrators who help design and create virtual reality surgical procedures in Unity.

Previously, I worked as a Senior Medical Illustrator whose role was to collaborate with the engineering team to test and implement new functionality. I have directly contributed to the creation of over 50 virtual reality surgical experiences.

Lauren Rakes Illustration — *Medical Illustrator*

MONTH 2018 - PRESENT

Clients include Dr. Ryan Murray (Pediatric Otolaryngologist), National Aquarium, Johns Hopkins Interventional Radiology, Dr. John Hunt (Allergist & Immunologist), Wildlife Center of Virginia

Johns Hopkins School of Medicine — *Guest Lecturer*

NOV 2022 - DEC 2022

Led a course on building interactive surgical experiences in Unity. Taught Unity 3D basics and introduction to C#.

EDUCATION

Johns Hopkins University School of Medicine — *Master of Arts in Medical & Biological Illustration*

AUGUST 2016 - MAY 2018

Thesis: Creating and Interactive Algorithm for Improved Management of Difficult Airways in Micrognathic and Retrognathic Infants

Virginia Commonwealth University — *Bachelor of Fine Arts in Communication Arts, Concentration in Scientific and Preparatory Medical Illustration*

AUGUST 2012 - MAY 2016

Minor in Biology. Summa cum laude

SKILLS

Team and Project Management

Unity Development / C#

Virtual Reality, Mixed Reality, and Interactive Experiences

Medical and Biological Illustration and Animation

Clinical and Technical Design

Cross-team Collaboration

AWARDS

Alan Cole Award: To the proposed biomedical project of most merit. 2018

Chester Reather Scholarship Johns Hopkins University. 2018.

Vesalius Trust Award of Excellence: M1 and M2 Branches of the MCA, AMI Student Salon. 2017

Frank H. Netter Memorial Scholarship: Johns Hopkins University. 2017.

PROFICIENCIES

Adobe Suite CC, Maya, Zbrush, Unity3D, C#, Traditional Art, Digital Art, Google Suite, Github, JIRA/Scrum