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SKILLS

SOFTWARE

2D Media	3D Media
Photoshop	ZBrush
Illustrator	Cinema4D
Lightroom	Fusion360
Premiere	Autodesk Maya
Audition	Substance Painter
InDesign	Blender
AfterEffects	PyMol, ePMV
Procreate	3DSlicer

Render Engines
Marmoset · Arnold · Octane
Maxon Redshift · KeyShot

UI/UX Design
HTML · CSS · Android XML
WordPress

Back-End Development
Java · C# · Python
SQLite Database Frameworks

Interactive
Unity · Unreal Engine · Godot
Figma · 3D Printing Software and
Hardware

TRADITIONAL MEDIA

Graphite · Pen & Ink
Watercolor · Oil · Pastel

AWARDS

Johns Hopkins University
2025
  Leon Schlossberg Scholarship
  W.B. Saunders Scholarship
  Howard C. Bartner Scholarship

2024–25
  William P. Didusch Scholarship
  SOM Dean's Tuition

VA Commonwealth University
2018–20 Dean's List

AMI Student Salon
2024 Award of Merit

ALEXANDRIA**DANNHARDT**

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EDUCATION

TBA 2025 MA, Medical and Biological Illustration
Johns Hopkins University, School of Medicine, Baltimore, MD
Accessible Education for LUTO Patients: A Study of Multimodal Tools to Support Literacy and Emotional Wellbeing

2021 BA, Scientific and Pre-Medical Illustration, Magna Cum Laude
Minor in Computer Science
Virginia Commonwealth University, Richmond, VA

2016 Computer Science
Coursework in Computer Science and Java Program Development

PROJECT EXPERIENCE

2023–2025 Medical Illustration – Baltimore, MD

Department of Interventional Neuroradiology, Johns Hopkins SOM
  Illustrated a novel venous bridge syndrome for research publication.

Department of Radiology and Radiological Science, Johns Hopkins SOM
  Created diagram of hemorrhage types, including the rare subpial hemorrhage.

2023–2025 Scientific Illustration – Baltimore, MD

Wolberger Lab, Biophysics and Biophysical Chemistry, Johns Hopkins SOM
  Designed an educational cover and poster for a novel DNA-binding molecule, Haspin, emphasizing its specific binding site for submission to Nature.

National Aquarium
  Developed an illustration of the two-toed sloth renal system to aid veterinarians in understanding its unique anatomy.

2023–2025 Medical Animation – Baltimore, MD

Center for Bioengineering Innovation & Design, Johns Hopkins University
  Created a 2D animation to raise awareness of improved FNA equipment in Africa, promoting earlier breast cancer detection.

2020 Rapid Prototyping – Richmond, VA

Department of Surgery, Virginia Commonwealth University
  Introduced rapid prototyping and 3D modeling to the Department of Surgery, focusing on craniofacial reconstructive surgery and oncology treatment.

Department of Neurosurgery, Virginia Commonwealth University
  Created interactive VR training tools for cerebral artery and vein conditions using 3D models developed in Slicer3D.

PUBLICATIONS

2025 Video Abstract, American Urological Association
"Technique for a Modified Florence Robot-Assisted Intracorporeal Neobladder (FloRIN) Creation" Michelle Higgins MD et al.