

Alexis Bloom
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Education

Drexel University
Bachelor of Science
Animation and Visual Effects Concentration

Philadelphia, PA
Graduation: June 2016
Cumulative GPA: **3.95**

Relevant Coursework

Spatial Data Capture (Motion Capture)
Digital Compositing

Immersive Animation
Character Animation I, II

Visual Effects
Advanced Animation

Skills

Software: Autodesk Maya, Autodesk MotionBuilder, Vicon Blade, Houdini, Nuke, Modo, Adobe After Effects, Adobe Premier, Autodesk Mudbox, ZBrush, Adobe Fuse, Adobe Photoshop, Adobe Illustrator
Programming Languages (familiar): Python, C++, HTML, CSS

Motion Capture Projects

Tundra Run

Mar 2019 – Apr 2019

Motion Capture Technician / Animator

- Took six unique characters with five individual sets of data each, into Houdini and created a crowd simulation
- Supplemented the motion capture data and reduced clipping by adding additional animation
- Retargeted motion capture data to custom created characters as individual takes in Autodesk Motion Builder
- Prepared motion capture actor, ran the motion capture system, and cleaned the motion capture data in Vicon Blade

Army Man

Dec 2018 – Feb 2019

Motion Capture Technician / Animator

- Applied cleaned motion capture data to a character with greatly exaggerated body proportions
- Reduced clipping and amplified animation using animation layers
- Marked motion capture actor, ran the motion capture system, and post processed/cleaned motion capture data

Detective

Nov 2018 – Dec 2018

Motion Capture Technician / Animator

- Successfully retargeted cleaned motion capture data to two separate interacting characters
- Enhanced motion capture data by adding animation layers to include extra acting
- Responsible for preparing motion capture actors, running the motion capture system, and cleaning motion capture data

Work Experience

Drexel University

Philadelphia, PA

Adjunct Animation Professor

January 2017 – Present

- Introduces underclassmen to animation and modeling, motion capture, and simulations
- Runs multiple classes independently while creating unique coursework
- Works individually with students to help them fulfill their potential

3FX

Blue Bell, PA

Junior Animator Intern

March 2015 – August 2015

- Produced works of animation for instructional videos, medical demos, and commercial businesses
- Modeled numerous medical instruments and organic anatomy
- Assisted in hosting meeting for clients by actively participating in project discussion

Activities

Secretary/Event Coordinator, Drexel SIGGRAPH Chapter, Drexel University
President, DART (Drexel Art Organization), Drexel University

June 2015 – June 2016
2003 - 2015