

Sophia Berger
19 Woodlot Road
Amherst MA 01002
phone: 413.404.9205
email: sophia.alexandra.berger@gmail.com
website: www.wisdomshepherd.com

Education

Computer Science (B.S.), Animation (B.A.), Double Major: Class of 2019
Commonwealth Honors College, Multidisciplinary Honors
University of Massachusetts Amherst - Junior
ACT: 32 GPA: 3.61

Relevant Coursework

University of Massachusetts Amherst
Introduction to Algorithms (CMPSCI 311), *in progress*
Web Programming (CMPSCI 326), *in progress*
Reasoning Under Uncertainty (CMPSCI 240)
Introduction to Computation (CMPSCI 250)
Computer Systems Principles (CMPSCI 230)
Programming Methodology (CMPSCI 220)
Systems and Data Structures (CMPSCI 187)
Intro to Computer Science (CMPSCI 121)
Animation Fundamentals (ART 274HH)
Media and Motion Graphics (ART 385)
Intro to 3D Animation (ART 374), *in progress*

Amherst College (taken as a high school senior)
Networks and Cryptography (COSCI 281)
Computer Science I (COSCI 111)

Programming Languages

Experience programming in Java, Python, C, and Scala. Additional experience with HTML, CSS, Javascript, and Autodesk Maya 2018.

Honors and Awards

- Dean's List, University of Massachusetts Amherst: Fall 2015 - Fall 2016
- YouthFilm 2014 Award *Secrets* (2 minutes)
- AR[T]HS 2014 showcase *Gummiphobia* (oil painting)
- YouthFilm 2013 Award *Ready to Go* (3 minutes)
- New England Scholastic Press Association's Special Achievement Award, 2013 *Above Averige* comic strip

Visual Arts Experience

- **Cartoonist** at the University of Massachusetts Amherst Daily Collegian (2017), "Adventures of Gronkman"

Outreach

- **Teaching assistant** for Girls Who Code club at Amherst High School (2017); assisted students grades 9-12 with writing and debugging code