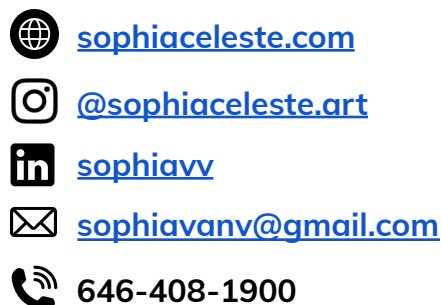


# Sophia van Valkenburg

Multidisciplinary artist seeking work in creat  
technology or freelance illustration.

➤ [Link to my Portfolio](#)



## Tools & Software

**In order of familiarity:** Photoshop • Illustrator • After Effects • Animate • Unity • Maya

## Education

**Illustration** • Fashion Institute of Technology • New York, NY • 2020-2021

**Animation Bootcamp Certificate** • School of Motion • Spring 2020

**Computer Science MS & BA** • Boston University • Boston, MA • 2009-2013

Honors: College Prize for Excellence in Computing, Summa Cum Laude, Phi Beta Kappa

**Mandarin Chinese Language** • 10 years of study, including abroad in China for 1 year combined at China Institute, Beijing Language & Culture University, and Fudan University.

## Projects

[Once Upon A Fairytale](#) • 2020 • I designed and illustrated the book cover.

[Animation for “funkpeter \(beta\)” by Psilodump](#) • 2017 • A 3-minute animated music video featuring stick figures vs. a giant one-eyed monster. Created in Adobe Animate.

[Halloween Haus](#) • 2015 • A spooky halloween-themed 2D sprite game based on true events. Includes custom made 2D pixel art.

## Software Development Experience

[CBREBuild](#) • Senior Software Developer • New York, NY • May 2017-Jan 2020

- I led feature development for multiple web-based projects at CBRE's real estate tech innovation lab, including an interactive 3D virtual real estate tour & a 2D floor plan design application. Technologies included front end web development, GPU programming, and experimental augmented reality.
- Featured project: [Building an Augmented Reality Treasure Hunt with A-Frame and AR.js](#)

[The New York Times](#) • Software Developer • New York, NY • Nov 2014-April 2017

- I architected a data pipeline to convert 160+ years worth (13 million) of archive articles from a legacy format to import into the CMS. Read about our project on NYTimes.com: [The Future of the Past: Modernizing The New York Times Archive](#).
- I led development on a backend API that served millions of website requests per day.

[dMetrics](#) • Software Developer • Brooklyn, NY • Sept 2013-Nov 2014

- I led development on our client-facing web app, expanding the prototype into a scalable and efficient release-ready product.