

# EMILY SALVADOR

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## EDUCATION

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June 2019 **MIT Media Lab - Object Based Media, Cambridge, MA**  
Candidate for MS in Media Arts and Sciences - June 2019

June 2016 **Massachusetts Institute of Technology (MIT), Cambridge, MA**  
BS in Computer Science and Music - June 2016 GPA: 4.5/5.0

## RELEVANT EXPERIENCE

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June 2017-  
August 2017 **Universal Creative - Advanced Technology Interactive Group**  
*Programmer | Designer | Engineer*  
Rapidly prototyped mixed reality, integrated systems for video game IP  
Implementation scope included software, hardware, and media.

January 2017-  
June 2017 **Walt Disney Imagineering - Show Software Engineering**  
*Programmer | Designer | Engineer*  
Designed experience mockups for pop-up interactive kiosks based off  
existing attractions and upcoming films  
Maintained and managed software development for interactive media

June 2016-  
December 2016 **Walt Disney Imagineering - R&D Programmer | Designer | Engineer**  
Developed computer vision tools with IR cameras and prototyped wearable  
electronic devices to interface with cameras

May 2015-  
June 2016 **MIT CSAIL - Computational Fabrication Group** *Programmer | Designer*  
Developed a 3D modeling tool for designing and fabricating parameterized  
autonomous UAVs, DARPA Funded

June 2015-  
June 2016 **MIT Media Lab - Tangible Media Group**  
*Animator | Interaction Designer | Programmer*  
Designed new animation sequences and interactions for the Transform, a  
table with individually controllable pegs that creates 3D topographies

May 2014-  
May 2015 **Harvard Medical School - Church Lab** *Researcher | Programmer*  
Created a genome analyzer, interpreter and online community/research  
pool for complete genomic data and 23andMe data, NIH Funded

## EXTRACURRICULARS

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January 2015-  
Present **YouTube Channels** *Host | Writer | Animator | Editor*  
**GIRLCODE** - Inspiring young people (especially females) to learn to how  
to program in python  
**Rules Girl** - Animating quick, concise board game rules  
**Tea with Teachers** - Showcasing personalities and fostering community  
with MIT professors

August 2012-  
August 2015 **Chorallaries(acapella group)** *President | Treasurer | Webmaster*  
Managed group of 17 students in competition, tour, music videos, gig  
opportunities and concerts and mediating group conflict  
Handled \$10,000 in group finances, quarterly budget proposals, invoices

## SKILLS

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**Technical Skills:** Computer Vision,  
Computer Graphics, Interactive Design,  
Embedded Programming, Electronic Design  
and Fabrication, Laser Cutting, 3D  
Modeling and Printing

**Programs:** C++/C#, Python, Eagle,  
HTML/CSS, JS/JQuery, Max, OpenGL,  
OpenCV, Arduino, Fusion 360, Rhino

**Creative Skills:** Animation, Concept  
Design, Music Composition,  
Documentation, System Integration

**Programs:** Unreal, Unity, Adobe Creative  
Suite, Microsoft Office, Final Cut Pro,  
Keynote, Maya, Sibelius