

EMILY SALVADOR

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EDUCATION

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

June 2017-
August 2017 **Universal Creative - Advanced Technology Interactive Group**
Programmer | Designer | Engineer
Rapid prototyping mixed reality, integrated systems for video game IP
Implementation scope includes 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

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

Technical Skills: Computer Vision,
Computer Graphics, Interactive Design,
Electronic Design, Laser Cutting,
3D Printing

Programs: C++, Python, Java, HTML/CSS,
Javascript, JQuery, C#, Unreal Engine,
Unity, Max, Touch Designer, OpenGL,
OpenCV, Django, Solidworks, Rhino

Creative Skills: Animation, Concept
Design, Music Composition

Programs: Adobe Creative Suite,
Microsoft Office, Final Cut Pro,
Keynote, Maya, Sibelius, Ableton Live