

EMILEE CHEN

EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY

B.A. Computer Science and Art Practice
Expected May 2017, GPA: 3.32

RELEVANT COURSEWORK

Computer Graphics, Image Manipulation and Computational Photography, Machine Learning

CONTACT

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Berkeley, CA

SKILLS

LANGUAGES

JavaScript	Python
HTML5+	CSS3
C++	Java

ART PROGRAMS

Photoshop Maya

ETCETERA

Snail mailer.
Caffeine lover.
Polaroid photographer.
Aesthetic appreciator.

WORK EXPERIENCE

FX DEV INTERN | PIXAR ANIMATION STUDIOS

MAY - AUG 2016

Created new and optimized existing plugins and digital assets in both Python and C++ for Houdini with design and functionality decisions based on input from technical directors. Wrote OpScripts for Katana in Lua. Tested pipeline functionality for Houdini and Katana.

IOTG STO INTERN | INTEL CORPORATION

JUN - AUG 2015

Designed and created a Web UI using Angular-Meteor and Amazon Web Services to interpret and display data from various sensors comprehensively and aesthetically.

DIGITAL ARTIST | FREELANCE

2009 - PRESENT

Draw client specified pieces that include characters and/or scenes in both traditional and digital mediums. Communicate with clients through email and other media and utilizing client feedback to customize pieces.

PROJECTS

COMPUTATIONAL PHOTOGRAPHY PORTFOLIO

FALL 2015

<http://emileechen.github.io/194/>

Portfolio showcasing projects done in CS194-26: Image Manipulation and Computational Photography with Professor Alexei Efros, including image colour channel alignment, seam carving and insertion, and face morphing programs as well as a pinhole camera.

COMPUTER GRAPHICS PORTFOLIO

SPRING 2015

<http://emileechen.github.io/184/>

Portfolio showcasing projects done in CS184: Foundations in Computer Graphics with Professor James O'Brien, including a sphere Phong shader, a raytracer, and a Bezier surface interpreter using C++, Python, and OpenGL.

ACTIVITIES & SOCIETIES

INNOVATIVE DESIGN

SPRING 2016

Member of the Web Design and Development Tier. Collaborated with a team to design and create website for clients such as local businesses and on campus clubs.

THETA TAU | CO-ED ENGINEERING FRATERNITY

SPRING 2014

Active member of Theta Tau.