EMILEE CHEN

CONTACT

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Berkeley, CA

SKILLS

LANGUAGES

Python	JavaScript
HTML5+	CSS3
C++	Java

ART PROGRAMS

Photoshop	Maya

ETCETERA

Snail mailer.
Caffeine lover.
Polaroid photographer.

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, Advanced Animation

WORK EXPERIENCE

FX DEV INTERN | PIXAR ANIMATION STUDIOS   MAY - NOV 2016
Created new and optimized existing plugins and digital assets in both Python and C++ for Houdini with UI design, workflow, and functionality decisions based on input from technical directors. Worked with creators of existing tools to improve and build upon 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 - 2014
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   SINCE SPRING 2016
Member of the Web Design and Development Tier. Collaborated with a team to design mockups in Sketch and create websites for clients such as local businesses and on campus clubs.

THETA TAU | CO-ED ENGINEERING FRATERNITY   SINCE SPRING 2014
Active member of Theta Tau.