

KADIE JAFFE

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EDUCATION

UNIVERSITY OF CALIFORNIA AT BERKELEY – COMPUTER SCIENCE

B.A. COMPUTER SCIENCE, CHEMICAL ENGINEERING MINOR. FALL 2014 - FALL 2016.

SANTA BARBARA CITY COLLEGE

FALL 2011 - SPRING 2014.

EXPERIENCE

SOFTWARE ENGINEERING INTERN

THE GO GAME. SAN FRANCISCO, CALIFORNIA – DECEMBER 2015 - JANUARY 2016

- ◆ Used Java and Android Studio to develop an Android Application for use on the Sony SmartWatch 3 as a winter internship project.

SOFTWARE ENGINEERING INTERN

A*STAR INSTITUTE OF HIGH PERFORMANCE COMPUTING. SINGAPORE – JUNE 2015 - AUGUST 2015

- ◆ Developed a 3D model viewing program from scratch using C++, OpenGL, GLSL, QT, and CGAL Library.
- ◆ Program renders model from .obj file using VBOs, lights model with GLSL shaders. Additionally allows user interactions and generation of 3D volume mesh.

PHYSICS TEACHING INTERN

SANTA BARBARA CITY COLLEGE. SANTA BARBARA, CALIFORNIA – OCTOBER 2013 - MAY 2014

- ◆ Created comprehensive handwritten digital notes, diagrams, and illustrations with calculus based physics topics for future students use. Graded homework and labs.

SIDE PROJECTS

KADIE.ME – A BLOG BUILT WITH CSS, HTML, BOOTSTRAP AND JEKYL.

- ◆ Sharing my summer 2015 travel experiences and 3D model viewer project progress in hopes of inspiring others to go abroad.

KDSNOTES.COM – A RESOURCE FOR ENGINEERING STUDENTS

- ◆ A compilation of digital notes for topics including Chemistry, Material Science, Mathematics, Physics, and more.

STEMCOURAGE.ORG – A MENTORSHIP PROGRAM WITH MY FORMER MIDDLE & HIGH SCHOOLS

- ◆ Aims to expose young students to role models studying STEM fields via informal Q&A sessions.

INTERESTS & AWARDS

PROGRAMMER, EXPERIENCE WITH C++, C, JAVA, MATLAB, PYTHON, CSS & HTML, GLSL, OPENGL, UNIX
HOBBYIST, RECREATIONAL WEIGHTLIFTING, RUNNING, PAINTING, DRAWING, PHOTOSHOP, MAYA
DIRECTOR, OF ANIMATED SHORT IN UCBUGG 3D MODELING AND ANIMATION CLASS. SPRING 2016
WEBMASTER, AMERICAN INSTITUTE OF CHEMICAL ENGINEERS. 2015-2016

OFFICER, CALIFORNIUM BREWERS AND WINEMAKERS. 2015

MENTOR, BERKELEY ENGINEERS AND MENTORS. FALL 2014

SINGAPORE INTERNATIONAL PRE GRADUATE AWARD

UC BERKELEY STUDY ABROAD SCHOLARSHIP

CHEVRON SCHOLARSHIP

UCEAP PROMISE AWARD

GILMAN SCHOLARSHIP