KADIE JAFFE

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EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY – COMPUTER SCIENCE

CHEMICAL ENGINEERING MINOR. FALL 2014 - FALL 2016. 3.1 GPA.

SANTA BARBARA CITY COLLEGE

FALL 2011- SPRING 2014. 3.9 GPA.

EXPERIENCE

STUDENT RESEARCHER

A*STAR INSTITUTE OF HIGH PERFORMANCE COMPUTING.
SINGAPORE – SUMMER 2015

❖ Using C++ and OpenGL to develop an application that allows user to load multiple 3D objects (.obj files) and select, transform, and otherwise interact with said objects.

PHYSICS TEACHING INTERN

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

❖ Posted comprehensive handwritten digital notes, diagrams, and illustrations for calculus based physics courses online for future students use. Graded homework and labs.

ENGINEERING INTERN

AUTO GENOMICS. VISTA, CALIFORNIA – SUMMER 2012

❖ Conducted experiments to find a more cost effective reagent for the Infiniti micro array platform. Used gel agarose techniques under UV light to determine results. Welded microchips in clean room.

SIDE PROJECTS

KADIE16.GITHUB.IO – A BLOG BUILT WITH CSS, MARKDOWN, HTML AND JEKYLL.

❖ Sharing my travel experiences in hopes of inspiring other students to study or intern abroad.

STEMCOURAGE.ORG – A MENTORSHIP PROGRAM WITH MY FORMER MIDDLE SCHOOL.

❖ Aims to expose young students to role models studying STEM fields via informal FaceTime sessions.

KDSNOTES.COM – A RESOURCE FOR ENGINEERING STUDENTS

❖ A compilation of digital notes for topics including Chemistry, Material Science, Mathematics, Physics, etc.

INTERESTS & AWARDS

WEBMASTER, AMERICAN INSTITUTE OF CHEMICAL ENGINEERS. 2015-2016
HISTORIAN, CALIFORNIUM BREWERS AND WINEMAKERS. 2015-2016
MENTOR, BERKELEY ENGINEERS AND MENTORS. FALL 2014
STUDENT, PRIVATE PILOT GROUND SCHOOL AT BERKELEY. FALL 2014
HOBBYIST, RECREATIONAL WEIGHTLIFTING, RUNNING, PAINTING, DRAWING

SINGAPORE INTERNATIONAL PRE GRADUATE AWARD
UC BERKELEY STUDY ABROAD SCHOLARSHIP
CHEVRON SCHOLARSHIP
UCEAP PROMISE AWARD
GILMAN SCHOLARSHIP