

Jennifer Dai

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Education

UC Berkeley, College of Letters & Science, Class of 2015

Majors: Mathematics, GPA: 3.74, Computer Science, GPA: 3.67

Core Course Work: Statistics, Math, Computer Science, Chemistry, Biology

Harker High School Class of 2011

Concentration: Math and Computer Science

EMT (Emergency Medical Technician) Training Summer 2012

Certified

Work Experience

UC Berkeley Undergraduate Research Apprenticeship Program Summer 2012-Spring 2013

Research Topic: Isolating specific trends in the chromosome arms of those with breast cancer to relate different phenotypes

Languages used: Python, R

Supervising Professors: Javier Arsuaga, Rainer Sachs

UC Berkeley Student Learning Center Tutor Summer 2012-Summer 2013

Tutoring students in math courses as part of a university program.

Supervisors: Mike Leong, Mike Wong

Peet's Coffee and Tea Fall 2011-Spring 2012

Sales Intern, Marvell Semiconductor Inc. June 2010-August 2010

Interacted with internal customers, followed through with sales, organized purchase orders

Teacher, Fremont Violin School (10 hours per week, volunteer work) June 2010-August 2010

Taught violin to students ranging from ages 5-15.

Interesting School Projects

Optimized an algorithm to solve a sliding block puzzle July 2013

Implemented a solution and optimized the data structure we used.

<https://www.dropbox.com/sh/9v7lvqnygx5j76z/egkGT8EWby>

Implemented a MapReduce project using hadoop September 2013

<https://www.dropbox.com/sh/trlofvbkyszqz7/h98O2dCnah>

Other Projects

Personal Website: jenniferdai.com

Working on an Android application

Languages

Chinese, English, Spanish

Hobbies/Clubs

Upsilon Pi Epsilon (CS Honor Society) Fall 2013, Cal Running Club Fall 2011-Current