

# Barbara Yang

computer science undergraduate student

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## Education

### UC Berkeley B.A. Computer Science

AUGUST 2015 - MAY 2019

Coursework: Structure & Interpretation of Computer Programs, Data Structures, Machine Structures\*, Discrete Math & Probability\*, Visual Thinking, Design Principles *\*in progress*

### Leland High School

AUGUST 2011 - JUNE 2015

- Finalist, *National Merit Scholarship Corporation*
- AP Scholar with Distinction, *The College Board*
- Silver Medalist, *Scholastic Art & Writing Awards*

## Experience

### Girls Who Code Teaching Assistant

SUMMER 2016

Helped teach introductory computer science curriculum to 20 female high school students who had little or no prior CS experience. Topics included computer programs, Object Oriented Programming, robotics, circuits and web development.

## Activities

### Innovative Design Team Leader

AUG 2015 - PRESENT

Led a team to create pro bono design work for student organizations. Also responded to inquiries and managed other logistical aspects for 120+ designer and photographers.

### Leland Yearbook Editor-in-Chief

AUG 2011 - JUN 2015

Managed and directed a staff of 30 students to produce two volumes of Leland High School's 240-page yearbook. Designed visual elements and created marketing assets, resulting in a recent record of over 1000+ sales.

## Skills

### Programming

Python

Java

HTML/CSS

### Design

Adobe Creative Suite

Graphic Design

Publication Design

## Languages

English

Mandarin

## Hobbies

Lettering

Painting

Illustration

## Interests

Computer graphics

Color in art/design

Visual composition

Animated films

History of design

Carbohydrates