

(650) 307-0336



ununoctium829@gmail.com



kaitlynchan.github.io



Kaitlyn Joyce Chan

High School Senior

I am currently a high school senior looking to gain experience in the fields of computer science, robotics, and technology for social good.

Education



Mills High School

2014–2018

Millbrae, California

Currently educated at Mills High School.

- Current GPA (weighted): 4.50
- Current GPA (unweighted): 4.00
- Overall GPA (weighted): 4.27

Relevant Coursework

2014–present

AP Physics 1	A
AP Calculus BC	A
AP Chemistry	A
AP Computer Science A	A
AP Biology	A
AP Statistics	A
Engineering Technology	A

Experience



Mills Robotics Team (FRC Team 253)

2014–present

Team Captain

- Leads the organization, teaching, and management involved in constructing a robot for the FIRST Robotics Competition.
- Organizes outreach events and collaboration between local teams and team members.
- Former Electronics Department Manager [led the design and wiring of the control system].

Mills Thunderbolt

2015–present

co Editor-in-Chief

- Leads the production of the school newspaper and works with administration and students to run the Journalism class.
- Former News Editor and Business Manager [wrote/edited articles, designed layouts, managed funding and advertisement acquisition].

ARMUS Corporation

Software Development Intern

2017–present

- Worked on the data science, QA, and metadata teams to develop clinical software.

Stanford GTGTC High School Liaison

High School Liaison | Girls Teaching Girls to Code Program

- Works with college mentors in organizing local hackathons for girls.
 - Director of Femhacks, an event for Bay Area students.
- Promotes GTGTC events such as Code Camp and Hour of Code.

2016–present

Girls Who Code

Organizer and Teacher | Millbrae Library Girls Who Code club

- Creates lessons each Saturday for 20 middle school girls to develop computer science skills and experience with technology.

2016–present

Skills



- Developing proficiency in HTML, CSS, JS, Java, Ruby, R, and Python.
- Strong leadership abilities and willingness to take initiative
- Strong verbal and writing skills
- Conducting independent study: researching electronics and engineering projects, taking online coding courses

Awards and Honors



Congressional App Challenge

2016

Submitted a health care application that won Congressional District CA-14

California Girls State Delegate

2017

Student chosen for the 74th session of California Girls State: <https://www.cagirlsstate.org/>.

NCWIT 2017 Affiliate Award

2017

Honorable Mention awarded by the National Center for Women and Information Technology

San Mateo County STEM Fair

2016

Honorable Mention for an Engineering project and advanced to the 2016 California State Science Fair.

Girls Tennis All League Team

2016

Selected by the Peninsula Athletic League for ability, leadership, and sportsmanship. MVP and Team Captain for Varsity Girls Tennis.

Research Awards

2015

Berkeley Model United Nations Conference LXIII
Davis Model United Nations Conference

Summer Courses and Programs



College of San Mateo

2017

Introduction to Ruby Programming class. Final grade: A

Girls Who Code Summer Immersion Program

2016

Pivotal Inc., Palo Alto, California

Participated in a 7 week intensive computer science course for 20 rising high school juniors and seniors. While immersed in the Pivotal work environment, we learned hard skills such as programming in Python, Java, & HTML/CSS as well as soft skills such as networking and public speaking.

Cañada Community College

2015

Introductory Chemistry 192 class with laboratory practice. Final grade: A

Work and Hobbies



Hackathons and Coding

- Pocket Doctor: health education web application, won the Congressional App Challenge
- Webmaster: Built and maintains website for TedX Millbrae, Mills High School Clubs, and FemHacks.

Guided Studies Tutor

- Mentors academically struggling students with homework help and study skills development.

Microbit Class Instructor

- Ran and taught a weeklong technology workshop for children at my local library.