



# Kaitlyn J. Chan



## High School Student

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I am currently a high school junior looking to gain experience in the exciting 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): 4.71
- Current GPA (unweighted): 4.00
- Overall GPA (weighted): 4.19

### Relevant Coursework

2014–present

AP Physics 1	A
AP Calculus BC	A
AP Chemistry	A
AP Computer Science A	A
AP Language and Composition	A
Engineering Technology	A

## Experience



### Mills Robotics Team (FRC Team 253)

2014–present

Manager of the Electronics Department

- Leads the department team in constructing the robot control system.
- Writes curriculum to educate department members on electronics fundamentals, including sensor usage and circuit building.

### Mills High School STEM Club

2015–present

Founder and Co-President of the Mills High School STEM Club

- Plans field trips, projects, and speakers to encourage students, especially young women, to pursue a career in STEM.
- Promotes participation in the San Mateo County STEM Fair.
- Organizes community outreach for younger children with interactive presentations on the STEM fields.

### Stanford GTGTC High School Liaison

2016–present

High school liaison for the Girls Teaching Girls to Code Program

- Works with college mentors in organizing local hackathons for girls.
  - Currently planning a hackathon in San Francisco ([www.femhacks.me](http://www.femhacks.me))
- Promotes GTGTC events such as Code Camp and Hour of Code.

### Girls Who Code Teaching Assistant

2016–present

Teaching assistant for the Millbrae Library Girls Who Code club

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

### Mills Thunderbolt

2016–present

News Editor and Business Manager for the school newspaper

- Assigns articles, edits drafts, and designs layout for the News section
- Organizes spending, balances the budget, and acquires advertisements to fund the paper.

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## Skills



- Developing proficiency in HTML, CSS, JS, and Java
  - 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
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## Awards and Honors



### Congressional App Challenge

2016

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

### NCWIT 2016 Certificate of Distinction

2016

Awarded by the National Center for Women and Information Technology

### San Mateo County STEM Fair Honorable Mention

2016

Won 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 of Mills High School Varsity Girls Tennis

### Academic Awards

2015

Berkeley Model United Nations Conference LXIII  
• Research Award  
Davis Model United Nations Conference  
• Research Award

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## Summer Courses and Programs



### Girls Who Code Summer Immersion Program

Summer 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

Summer 2015

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

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## Projects 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

### Girls Varsity Tennis Team Captain

- 2014: Doubles 2 | 2015: Singles 4 | 2016: Singles 2

### Guided Studies Tutor

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

### Woodwind Quintet

- Bass clarinetist

### Dungeons and Dragons