

46 El Bonito Way
Millbrae, California 94030

(650) 307-0336

ununoctium829@gmail.com

www.kaitlynchan.github.io



Kaitlyn J. Chan



High School Student



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

- Plan 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.
- 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.

Skills



- Developing proficiency in HTML, CSS, JS, and Java
 - Strong leadership abilities and willingness to take the initiative
 - Strong verbal and writing skills
 - Conducts independent study: researching electronics and engineering projects, taking online coding courses
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Awards and Honors



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

Academic Awards

Berkeley Model United Nations Conference LXIII (2015)

- Research Award

Davis Model United Nations Conference (2015)

- Research Award

Millbrae Lions Club Essay Contest First Place (2014)

- First Place
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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

Projects and Hobbies



Hackathons and Coding

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

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