**Tania Pham**

Location: [linkedin.com/in/taniapham](http://linkedin.com/in/taniapham) | [github.com/taniyourstruly](https://github.com/taniyourstruly)

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**EDUCATION**

**Santa Clara University, Santa Clara, CA** **September 2018 – Present**

*Bachelor of Science in Computer Science and Engineering*

*Bachelor of Science in Web Design and Engineering*

**Notre Dame High School, San Jose, CA**  **August 2014 - June 2018**

*Diploma with Emphasis on STEAM (Science, Technology, Engineering, Art, Math)*

* Honors and Awards: Julie Billiart Scholar, National Honor Society, California Scholarship Federation

**EXPERIENCE**

**Kast Brand Ambassador; San Jose, CA April 2020 – June 2020**

* Worked with a team of about 20 other college students to create posts and ideas on advertising
* Educated students of the SCU campus on how Kast works and how to use it
* Increased usage of Kast with new users and sustained brand loyalty with existing users

**Notetaker for Office of Accessible Education; Santa Clara, CA January 2019 – June 2020**

* Writing detailed notes for students in courses of physics and computer science.

**Christmas in the Park Team Member; Santa Clara, CA November 2019**

* Used the Laser Cutter in the MakerLab to design and cut acrylics for ornaments
* Worked with a team of 8 people to decorate a tree for San Jose’s CITP festival

**Mini Robot Team Member; Santa Clara, CA November 2018 – December 2018**

* Built a paper-mache mechanical flower
* Programmed a Servo motor in Arduino to make the flower open and close with a push-button and LEDs

**Tech Interactive Volunteer; San Jose, CA June 2017 – March 2018**

* Prepared for projects like spinning tops, virtual reality drawings, and karts to run on ramps.
* Interacted with 100 museum guests daily to demonstrate and to encourage them to participate in these activities.
* Created a brochure about statistics of women and children in STEM
* Presented in front of about 30 people about my volunteer experience and explained about the disparity of women in STEM

**California Scholarship Federation Tutor; San Jose, CA May 2015 – May 2018**

* Tutored other students in French and Algebra 2 Honors, resulting in improvement in classes.

**STEM Outreach, Robotics, FRC Team 1967; San Jose, CA September 2015 – June 2017**

* Taught and motivated ten 8-10 year old girls how to code and operate a robot.
* Processed payments at the snack table at Robotics Tournaments.
* Designed buttons, bow ties, and stickers to pass out to 60 teams at robotics competitions
* In charge of scouting for robots during competition and managed logistics of the schedule of robots competing

**Programming Team Member, Robotics, FRC Team 1967; San Jose, CA September 2015 – June 2017**

* Programmed climbing a rope in C++ for 2016 Stronghold FIRST Robotics Competition Game
* Programmed collecting wiffle balls in C++ for 2017 Steamworks FIRST Robotics Competition Game
* Pushed and committed on Github to work on code with 10 other team members and mentors
* Collaborated with members of the Electronics and Mechanical Committee to create a functional robot
* Mentored new members of the committee in learning object-oriented programming

**Lincoln Glen Manor; San Jose, CA September 2015 – December 2017**

* Assisted with thirty elderly people in the nursing home by taking them on walks to the store and played games to keep them company.
* Served meals and spent time with them.

**LEADERSHIP**

**Math Team, President August 2017 – June 2018**

* Scheduled weekly activities, including competitions and practice problems
* Supervised Publicist, Secretary, and Treasurer about their club responsibilities and sent them reminders
* Presented at Open House for prospective students.

**Hour of Code Leader December 2015, December 2017**

* Helped about 30 students with small coding exercises, on Scratch and CodeMonkey

**Math Team, Publicist August 2016 – June 2017**

* Sent out biweekly emails to the club which had about 30 people.
* Worked on designing bulletin board for the school during Club Spotlight Week
* Helped plan for meetings with the other student club officers.

**SKILLS**

* Fluent in Vietnamese and English
* Linux OS
* Programming Languages: C, C++, Java, HTML, CSS

**RELEVANT COURSEWORK**

* Advanced Programming in C
* Abstract Data Types & Data Structures in C
* Logic Design
* Embedded Systems
* Object Oriented Programming & Advanced Data Structures in C++
* Algorithms
* Digital Integrated Circuit Design

**REFERENCES**

Jessenia Zepeda

Activities Director

Lincoln Glen Manor

2671 Plummer Ave

San Jose, CA 95125

((408) 265-3222)

Jessenia Zepeda was my supervisor at Lincoln Glen Manor

\*No longer works here

Lauren Cage

Gallery Programs Manager at the Tech Interactive

201 S Market St

San Jose, CA 95113

((408) 294-8324)

Lauren Cage was my supervisor at the Tech Interactive.

Marta Carrillo

Robotics Program Director

(mcarrillo@ndsj.org)

Marta Carrillo was my team director during Robotics.