

Tania Pham

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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 Billiard 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.