# JANICE LEE
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## EDUCATION

**Massachusetts Institute of Technology (MIT)**                                    **Cambridge, MA**
Candidate for Bachelor of Science in Computer Science and Engineering        GPA: 4.8/5.0        *Jun 2019*
**Gretchen Whitney High School (WHS)**                                          **Cerritos, CA**
GPA: 4.0/4.0                                                                *Jun 2015*

## EXPERIENCE

**MIT Computer Science and Artificial Intelligence Lab (CSAIL)** | *Undergrad Researcher*        **Cambridge, MA**
> Testing and analyzing sensors and their performance for improvement of positioning of        *Jun-Aug 2017*
small vehicles like quadcopters and small rovers
> Measured variance of ultra-wide band sensors using ROS and Python
> Setting up experiments to pair ultra-wide band sensors with GPS sensors to improve localization of small vehicles

**MIT International Science and Technology Initiatives (MISTI-HK)** | *Undergrad Researcher*        **Hong Kong**
> Experimented with a Convolutional Neural Network (CNN) Python model to yield best possible time        *Jun-Aug 2016*
spent and accuracy in training digits and cells data
> Increased accuracy in training by tweaking parameters in the code and learned about machine learning
and computer skills

**Boeing High School Internship** | *Phantom Phoenix Intern*                        **Huntington Beach, CA**
> Designed a small satellite for the monitoring of earth albedo in a mock project through collaboration        *Jun-Aug 2014*
with my intern team of 4 and the Boeing Phantom Works division
> Developed experience in teamwork, project management and spacecraft subsystems and analysis

## SKILLS

**Software:** Python, Java, HTML & CSS, ROS (basic)

## ACTIVITIES/LEADERSHIP

**MIT Women in EECS (WiEECS)** | *Community Events Committee*                        **Cambridge, MA**
> Planning budgets and logistics as well as executing community events to support and engage our        Aug *2017-present*
community of women in EECS on campus in a team of 3
> Organizing events that include lightning talks, workshops, movie/game nights, and mixers with other colleges/other
women in engineering clubs on campus to bring passionate women together and encourage support of each other

**Google CodeU Program** | *Participant*                                          **Cambridge, MA**
> Designed and improved a basic chat application in a team of 3 students, adding features including        *Feb-May 2017*
username and password login, simple cryptography, and database persistence
> Participated in regular code reviews and technical coding practices with Google engineers and learned industry best
practices

**MIT Code for Good** | *Consulting Team*                                          **Cambridge, MA**
> Collaborated in a small team to assist our nonprofit (Green Streets Initiative) with technical issues        *Oct 2016-Feb 2017*
> Created an employer interface on our nonprofit's website, utilizing Python, Django, and HTML and CSS, so that
employers participating in their program, Walk/Ride Day, can access their individual company's statistics
> Communicated with our nonprofit to provide solutions and suggestions to any requests for new features/improvements

**WHS VEX Robotics Team** | *Programmer, Instructor*                                **Cerritos, CA**
> Wrote code for our competition and demo robots, showcased at competitions, outreach events        *Sept 2013-Jun 2015*
and demos at local schools and fairs
> Taught basic RobotC programming and building skills to 20+ students during our "Robocamp" for two summers
> Demonstrated teamwork, time management, and communication skills to grow as a team and achieve team goals

## HONORS

**National Center for Women in Technology** | *NCWIT Award for Aspirations in Computing SoCal Affiliate Winner*
Community of supportive women passionate in computing and IT
                                                                                    *2015*