

Mit Mistry
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EDUCATION

SAN JOSE STATE UNIVERSITY, San Jose, CA **May 2021**
Bachelor of Science, Industrial Technology

CABRILLO COLLEGE, Aptos, CA **May 2018**

HARBOR HIGH SCHOOL, Santa Cruz, CA **June 2015**

WORK EXPERIENCE

Soliculture, Scotts Valley, CA, Engineering Intern **Mar. 2018-May 2018**
Manufactured Greenhouse Solar Panels. The process to manufacture was as follows: Placing a glass bed, then placing the solar cells, which then required us to solder a bus bar to the leads of the cells so that they are all connected, then placing a red plastic on top of the solar cells, and then finally sending the solar panel into a laminator.

Ted Young Residential Design, Scotts Valley, CA, CAD Draftsman **Sept. 2016 Dec. 2016**
Assisted in making floor plans for new residential houses, and old residential houses which required renovations.

Kumon Math & Reading Center, Santa Cruz, CA, Assistant Instructor **Nov. 2014-2016**
Worked with the center's main Instructor to make lesson plans for students, followed by data entry.

SPECIALIZED SKILLS

Networking Protocols: OSI Model, DHCP, DNS, TCP/UDP, ICMP, STP, ARP

Programming Languages: C++, Python, HTML5, CSS3, CSS Flexbox, CSS Grid, BEM, Swift

Programs: XCode, Creo, Blender, Adobe After Effects, Sketch 3, Office 365, Fusion 360

Circuit Development: 123D Circuits, Multisim

PROJECTS

Quadcopter: Self-taught to make a Quadcopter

3D Printer: Self-taught to make a 3D printer

IoT Device/Microcontrollers: Experienced in working with IoT Devices and Microcontrollers for example: Particle Photon

App Development: Experienced in making Basic to Intermediate apps using XCode

LEADERSHIP EXPERIENCE

Alpha Gamma Sigma (Honor's Society), Cabrillo College, Vice President, Treasurer
Facilitate monthly meetings for executive board of 7 and weekly activities for 60+ members Collaborate with students to organize campus events that raise \$2,500/semester for student scholarships.