

SONA DOLASIA

sonadolasia.github.io

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EDUCATION

UC BERKELEY

Berkeley, CA
2017 – 2021

BACHELOR OF ARTS

Major: Computer Science & Film Double Major (Intended)
Regents' & Chancellor's Scholar, CS 61A Academic Intern
Coursework: CS 61A, CS61B, EE16A

TAMALPAIS HIGH SCHOOL

MILL VALLEY, CA
2013 – 2017

HIGH SCHOOL DIPLOMA

Honor Society (President), Robotics Club (President and Founder), Varsity Tennis (Captain)
Coursework: AP Computer Science, AP Calculus BC, AP Chemistry, AP Biology

COMPUTER SCIENCE EXPERIENCE

UC BERKELEY AUTO LAB

Berkeley, CA
2016 – Present

RESEARCH INTERN

Working under Prof. Ken Goldberg (IEOR) and Ph.D. students on robotics and AI projects. My first project was testing the accuracy of a commercial robotics kit's ultrasonic sensor. Conducting suction grasp experiments with different neural networks on the ABB YuMi industrial robot to develop a dataset of objects that the robot can learn to grasp. Currently working on image segmentation.

DOGO MEDIA, INC.

Tiburon, CA
2015 - 2017

ENGINEERING INTERN

Redesigned the website and worked with the engineering team to develop components of a hybrid mobile application using AngularJS and the Ionic Framework.

REACHING OUT WITH ROBOTICS

Marin County, CA
2014 - 2017

FOUNDER AND PRESIDENT

Founded STEM outreach program that impacted over 1200 students through afterschool programs, library workshops, and robotics competitions. Raised over \$1000 from Disney, Marin Academy, Tutor Corps and \$3000 from Google, Apple, Intel and Northrop Grumman via the National Center for Women & Information Technology (NCWIT).

CHUTE, INC.

San Francisco, CA
June - August 2014

ENGINEERING INTERN

Developed a parallax effect display integrating Instagram through the Chute API in Backbone JS.

SKILLS

Technical:

Python, Java, Unity, HTML, CSS, JavaScript, Ruby, Git

Applications:

Photoshop, Illustrator

HONORS AND AWARDS

- CMYK Designathon Best Use of Illustration (Berkeley Innovative Design) 2017
- PG&E Better Together Scholarship (\$20000)
- NCWIT Award for Aspirations in Computing National Winner 2017
- BaseHacks 3rd Place for *ThinkDrink* application 2016
- she ++ #include fellow 2016
- ROBOGAMES Silver Medal Best of Show 2013