

Nathan Sariowan

Computer Science Freshman at Stanford University

ncsariowan.github.io

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SKILLS

Proficient: Java, C++,
JavaScript, HTML, CSS,
Git

Familiar: Python, PHP,
MySQL, React Native

RELEVANT COURSEWORK

Programming
Abstractions
Practical Unix
Vector Calculus for
Engineers
Online Jamming and
Concert Technology
UCSD Entrepreneurship
and Innovation Executive
Training Program (2018)

AWARDS

National Merit
Scholarship Finalist
(2020)
US Presidential Scholars
Candidate (2020)
Dr. Douglas C Crone Head
of School Award (2020)
1st Place Winner - MTAC
San Diego VOCE, Senior
Strings Division (2019)
1st Place Winner - MTAC
San Diego Concerto
Competition Division VI
(2019)

OTHER INTERESTS

I do mixing, mastering
and video editing for
several orgs on Stanford
campus. Check out my
Youtube channel (search:
Nathan Sariowan)!

EDUCATION

Stanford University — *B.S. Computer Science* JUN 2024
GPA: 4.052 (Fall 2020)

Francis Parker — *High School Diploma* JUN 2020
UCSD Entrepreneurship and Innovation Executive Training Program (2018)

Google CSSI Coursera SUMMER 2020
Algorithmic Toolbox, Data Structures

EXPERIENCE

NewBlue, San Diego — *Software Intern* SUMMER 2018, 2019
Developed and tested Javascript software for Titler Live Broadcast and Ovrstream products.
Led the development of several plugins and collaborated with SWEs and customers.

UCSD San Diego Supercomputer Center — *MAP Research* 2018-2020
Built a machine learning program and model for Alzheimer's classification and diagnostics
based on metabolite descriptors using Python, WEKA, and Tensorflow.

Museum of Making Music, Carlsbad — *Intern/Volunteer* SUMMER 2019
Developed and tested Raspberry Pi based interactive stations for special exhibit.
Underwent museum content training and volunteered during concerts and at the museum.

FRC Team 2485 — *President, Software Lead* 2016 - 2020
Led 20 person software subteam/80 person team. Competed internationally.
Organized and taught Java, robotic programming and control theory training.
Developed robot software, control systems and vision systems in Java and Python.
Wired and soldered robot electronics.
Organized off-season STEM outreach programs, summer camps, and hackathons.

ACTIVITIES

Violin

Concertmaster of high school orchestra and president and founder of high school's
chamber music club.

Regularly performs for local events, organizations and nonprofits.

Stanford Collaborative Orchestra — *Audio Engineer, Scribarian*

Stanford Robotics Club — *Member*

Ram's Head — *Audio Engineer, Sound Designer*