

Nathan Sariowan

Computer Science freshman at Stanford University

ncsariowan.github.io
(858) 922 9572
ncsariowan@gmail.com

SKILLS

Proficient: Java, C++,
JavaScript, HTML, CSS,
Git
Familiar: Python, PHP,
MySQL, React Native

SKILLS

National Merit
Scholarship Finalist
(2020)
US Presidential Scholars
Candidate (2020)
Dr. Douglas C Crone
Head of School Award
(2020)

RELEVANT COURSEWORK

CS106B: Programming
Abstractions
CS1U: Practical Unix
CME 100: Vector
Calculus for Engineers
MUSIC 153A: Online
Jamming and Concert
Technology

OTHER INTERESTS

I enjoy producing,
arranging and mixing
music, and video
editing. Check out my
youtube (just my
name)!

EDUCATION

Stanford University — Undergrad

GRAD. JUNE 2024

Francis Parker — High School

GRAD. JUNE 2020

Unweighted GPA: 3.91
UCSD Entrepreneurship and Innovation Executive Training Program (2018)

Google CSSI Coursera

SUMMER 2020

Algorithmic Toolbox, Data Structures

EXPERIENCE

UCSD San Diego Supercomputer Center — MAPs Research

SEP 2018 - APR 2020

Built a machine learning program and model for Alzheimer's classification and diagnostics based on metabolite descriptors using Python, WEKA, and Tensorflow.

NewBlueFX, San Diego — Software Intern

JUN 2018 - AUG 2018, JUN 2019 - AUG 2019

Developed and tested Javascript and HTML software for Titler Live 4 Broadcast and Ovrstream products.

Led the development of several plugins and collaborated with SWEs and customers internationally.

Museum of Making Music, Carlsbad — Intern/Volunteer

JUN-AUG 2019

Developed and tested Raspberry Pi based interactive stations for special exhibit in Fall 2019. Underwent museum content training and volunteered during concerts and at the museum.

PAST EXTRACURRICULARS

FRC Team 2485 — President, Software Lead

OCTOBER 2016 - JUNE 2020

Led 20 person software subteam/80 person team. Competed internationally.

Organized and taught Java, robotic programming and control theory trainings.

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, Qualcomm-sponsored hackathon.

Violin — Concertmaster, Chamber Music Club President

Concertmaster of school orchestra, as. concertmaster of MMYO

President and founder of high school's chamber music club.

Regularly performs solo and with chamber groups for local events, organizations and nonprofits.