Ayush Nayak

[~/]>Contact

> ayush.nayak@gmail.com

> +1 (619) 344-0691

> https://ayush-nayak.github.io/

> https://github.com/Shad0wSeven

[~/]>Programming Skills

> Languages
Python 3, C/C++, Swift, R, JS, Java, C#, Bashscript

> Technologies
PyTorch, Jupyter, Numpy, Flask, matplotlib, Keras, Scipy, CoreML, CocoaPods, Azure, MongoDB, Django, SQL, AWS

[~/]>Awards

> NASA/AMES Space Settlmenet First Place Winner

> Microsoft Imagine Cup Semifinalst

> Top 30 Placement US Astronomy Qualifier

> Cyberpatriot Platinum

> USACO Silver

> AMC 2021A Distinction

> 1470 PSAT

> NASA Settlement Project 3rd Place Winner x2

> 2nd/2nd/6th Place California State Science Olympiad

> AP Chemistry 5

> California Scholarship Federation

[~/]>Education

> Class of 2023, 4.0/4.6 GPA

> Westview High School San Diego CA

> AP Biology, AP Chemistry, AP Calculus, AP Human Geography, AP European History

[~/]>Projects

> Deep learning approach to discover new correlative genes across the gene expression for phenotypes. [Paper]

> Website to identify mutations and potential disesaes for sequenced DNA. [Project]

> iOS Application using computervision to scan the surroundings and notify people with a lack of sight of obstacles, signs, and other visible obstructions. [Project]

> Sending Data between devices using color matrices and computer vision [Project]

[~/]>Computer Skills

> Linux Proficient, Debian and Arch

> Web Design - HTML, Jekyll, Unscripted, WP

> Final Cut Pro, Solidworks, Fusion360, UI/UX Design, Photoshop, InDesign, Illustrator, Office365

> 120WPM+ Typist, Internet research, able to understand graduate level Scientific Papers

[~/]>Volunteering

> 30 Hours Coaching Middle School Students in Astronomy and Physics.

> 10 Hours Teaching Middle School Students AP Chemistry