

Ayush Nayak

[~/]>Contact

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- > <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 Settlement First Place Winner
- > Microsoft Imagine Cup Semifinalist
- > Top 30 Placement US Astronomy Qualifier
- > Cyberpatriot Platinum
- > USACO Platinum
- > 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 diseases for sequenced DNA. [Project]
- > iOS Application using computer vision 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