Krishna Durgavarjhula

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A passionate and hardworking High School Sophomorelooking to study in the field of Computer Science focused on softwareintegration, machinelearning, mechanicalengineering, and graphic design.

PROJECTS

[Personal Website] 2023-2024

- Built a personal website from the ground up using HTML, CSS, and JS
- Gained experience in markup languages, project management

[Bluestamp] 2023

- Made a phone-controlled robot arm
- Gained experience in circuits
- Presented my project to an audience

[Fundamentals of Engineering at UC Berkeley] 2023

- Used MATLAB to design, test, and build a spaghetti bridge
- Made a Stirling engine

[Video Production at Stanford] 2022

- Wrote my script
- Storyboarded, wrote, directed, and edited my short film

[Teacher' Assistant for Balavihar] 2022

- Was a volunteer assistant for a class of 20 kindergartners
- Managed curriculum and attendance and made games for children about Indian culture

[Future City] 2020

- Designed a futuristic city along with a team, Crater Cove
- Built a total of 5 models using materials at home
- Team won awards for the Most Advanced Smart Grid and Best Land Surveying Practice

EDUCATION

American High School *Sophomore Class of 2023* ● **GPA:** *Weighted: 4.21 Unweighted: 4.0*

UC Scout- APCSP *Sophomore Class of 2023* ● **Grade:** 91%

ADDITIONAL SKILLS

- Technical skills: Python, Javascript, HTML, CSS, used C++, Matlab, and learning Java ● Experience with circuit components like microcontrollers, transistors, and oscillators ● Soldering, desoldering, fixing servos
- 3D Modeling with Sketchup and Tinkercad
- Documentation and presentation with Google Drive and Office 365
- Graphic design with Adobe Creative Suite
- Video Production: storyboarding, graphics, music, voice-over, and live-action video