ANKIT BHATIA

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Westview High School
San Diego, California

SKILLS

C++, Java, OpenCV library
(Computer Vision object
detection), WPILib library (A
library used in order to control
robots).

NOTABLE CLASSES

- AP Calculus (AB/BC)
- AP Physics (Mech/E&M)
- AP Computer Science
  (Principles/Data Structs)
- Multivariable Calculus

VOLUNTEER EXPERIENCE/LEADERSHIP

- La Clase Magica Mentoring
  - Mentored elementary students who lived in underserved areas.
  - Taught students how to design and build an FLL robot out of legos, and taught them basic programming with a robot oriented version of Scratch so that they could move their robot.
- Deer Canyon Mentoring
  - Led one elementary school team in my school district through making software for their robot in order to perform well at an upcoming FLL competition.
- Earthlab
  - Taught underserved elementary aged students earth science throughout the summer.
- Robotics Leadership
  - 2+ years of being a software lead on our school's robotics team.
  - Led and helped create software for our competition robot in the First Robotics Competition (FRC).
  - Currently researching and implementing Pure Pursuit, an autonomous robot tracking algorithm.
    - https://github.com/ankbhatia19/PurePursuitImpl/
- Westview Software Developer's Association- Vice President
  - A software club dedicated towards learning computer science, as well as applying our skills to various projects.
- Chatstasy- Beta Tester
  - Tested and helped develop an upcoming chatting application designed for elderly citizens.