AJAY BODLA

CONTACT

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SKILLS

Git · Unified Modeling Language (UML) · Graphic Design · Linux · Numpy · Matplotlib · Pandas · Lab Work · Leadership

EDUCATION

High School
UC Santa Cruz

2024-2028

GPA: N/A

Part of clubs such as Slugbotics and taking classes such as Assembly

High School
Irvington High School

2020-2024

GPA: 3.82

Took Computer Science courses including Internet Engineering 1and 2, AP Computer Science and other STEM courses such as AP Physics, Chemistry and Biology

Community College
Mission College

2020-2024

GPA: 3.63
Took community college courses adjacent to school including Python, Java, SQL, Data Visualization, Machine Learning, Linux, Macroeconomics, and Small Business Startup Management.

AWARDS

Dean's List Semifinalist

Nominated as a candidate for Dean's List from my FTC Robotics teams and got a semifinalist placing

Presidential Service Award - Gold

Did over 250 hours of volunteering at Fremont Robotics Academy and focused on mentoring ten different local robotics teams.

PROFILE

I am a computer engineering student at UCSC with a strong foundation in software engineering and data analysis, including hands-on experience with OpenCV and Java. My community college education covered diverse subjects such as SQL, Python, and machine learning, and I researched COVID-19 death rates using Python libraries like NumPy and Pandas.

WORK EXPERIENCE

Team Captain

FTC Future 14473   2020-2024

- Participated in the First Tech Challenge and qualified to state championships 4 times
- Worked on the software side of the robot as software lead and was able to use technologies such as Vuforia, OpenCV, Virtual SLAM for computer vision.
- Implemented PID and other localization systems.
- Being software lead and then team captain helped me build leadership , project management and organizational skills

President

Serendipity STEM   2020-2024

- Leading special education robotics classes at Irvington High School and managing multiple teachers
- Bringing special education classes to six more high schools across California
- Developed fourteen weeks worth of Scratch curriculum for K-3 students
- Organizing TTP(Train the Trainers Program) which is a coding class to special education teachers from FCSN(Friends of Children with Special Needs) so they can teach to their children.
- Worked on curriculum development and teaching classes such as Python 1A, 1B, and 1C.

Team Captain

CyberPatriot   2022-2024

- CyberPatriot is a national competition to promote CyberSecurity and computer science to high school students
- Qualified to the states level
- Focused on working with images and breaking codes related to various computer science concepts.
- Organized and coordinated team activities