Nitish Bansal

Junior at Lynbrook High School
San Jose, CA
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Interested in a tech internship opportunity in summer 2021

Top 0.25% nationwide high schooler in Math (AIME)

Calculus, Statistics, and Combinatorics proficient

Experience with Python, Java, Javascript, Raspberry Pi, Tensorflow, Scikit, ReactJS, HTML, CSS, Bootstrap, Material UI, NodeJs, Firebase

STEM Courses

AP Computer Science A

AP Calculus BC

AP Statistics

AP Physics C: Mechanics

Precalculus Honors

Chemistry Honors

Principles of Business

Work Experience

Random Math Inc. (competitive math coaching institute):

- Teaching Internship – Competitive Math Coach
- Content Creation – Lecture Notes for Precalculus Class

Leadership

VP, KoreKloud education

Co-founder and VP, Lynbrook History Club

Founder, Magic Math competitive math contests site

Coach, Miller Middle School competitive math team

Coach, Lynbrook Speech and Debate

EDUCATION

Lynbrook High School (#10 STEM high school nationwide)

4.0 unweighted GPA (all A's), 5 APs, 3 Honors courses

American Invitational Mathematics Examination Qualifier

ACT 35 (out of 36)

PSAT 1510 (out of 1520)

SAT Math II subject test 800 (out of 800)

PROJECTS

Autonomous Robot using Raspberry Pi and Tensorflow with Python to Track and Chase an object

Online education marketplace using ReactJS and Firebase

Stocks analysis with JavaScript to determine correlation between Google Search and stock price

Sentiment analysis with Twitter API and Machine Learning

Website for educational non-profit using HTML/CSS/JavaScript

Alien Invasion Game with Java

Quiz App with Java and XML for History Trivia

Increasing range of electric cars using PiezoElectric Effect

Smart-shirt for fixing Poor Posture using Haptic sensors

Website for providing feedback to government agencies (yelp for government agencies)