

# Lakshay Kansal

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## EDUCATION

**Deep Run High School** | Glen Allen, VA Sep. 2019 - Jun. 2023  
**Relevant Coursework:** Multivariable Calculus, Discrete Mathematics, AP Calculus BC, AP Physics I, AP Physics II, AP Chemistry, AP Biology, AP Statistics, AP CSA, AP CSP, Intro to Programming, IT Project Management, Application Development, Enterprise Architecture

## PROFESSIONAL EXPERIENCE

**Nomic AI** | San Francisco, CA (Remote) Jun. 2022 - Present  
*Entity Analytics Intern*

- Constructed an API to scrape 50+ social media and news platforms to gather data for various firm-based clients
- Built a Dashboard to show the biases of the Pro-Russian and Pro-Western News Sources on the Russo-Ukrainian Conflict
- Utilized Docker and AWS to develop and deploy an application of gathered datastreams onto the visual Atlas program

**Henrico County Public Schools** | Henrico, VA (Remote) Feb. 2021 - Apr. 2021  
*Development Team Member @ IT Department*

- Assembled a script to convert files from the School System's old database format to the new format cleanly and efficiently
- Utilized SCRUM framework to communicate with the clients and provide deliverables over the course of the project

## EXTRACURRICULAR INVOLVEMENT & VOLUNTEERING

**Deep Run High School** | Glen Allen, VA Jun. 2021 - Present  
*Developer of Senior Information Website*

- Developed the website for senior information for the Assistant Principal and Principal of Deep Run High School
- Coordinated alongside Assistant Principal to navigate the website and upload content for the Seniors of '22 and '23
- Maintained the Senior website for the Principal and updated information about future senior events and meetings

**YMCA** | Glen Allen, VA May. 2021 - Present  
*Soccer and Basketball Coach*

- Employed my personal skills and passions of soccer to teach children how to play soccer and cultivate fun in matches
- Assisted in informing students of the rules to basketball and developed their skills in dribbling, passing, and shooting

**Computer Club** | Glen Allen, VA Sep. 2020 - Present  
*Intermediate Programming and Cyber Security Lead*

- Collaborated with intermediate programmers to expand their knowledge on different topics including Python and Java
- Instructed students with various Cyber Security practices and prepared them for the CyberPatriot competition

**Blue Cheese Robotics** | Glen Allen, VA Sep. 2019 - Present  
*Veteran Programmer*

- Instructed rookie members of the team how to write code in the language Java and how to program robots
- Programed the robot for competitions and helped make it easier for drivers to control the robot using Java code

## AWARDS & RECOGNITIONS

- National Cyber Scholarship Foundation Scholar May. 2022
- 1st Place Longwood University CTF Apr. 2022
- Finalist Radford University RUSecure CTF Apr. 2022
- CyberPatriot XIII & XIV Platinum Tier National Semifinalist Feb. 2021 & Feb. 2022

## SKILLS

**Languages:** Hindi (Proficient), Spanish (Conversational)

**Programming Languages:** HTML, CSS, Java, Python, React.JS, C# | **Software:** Adobe Creative Cloud, Microsoft Office

**Interests:** Basketball, Cooking, Piano, Video Gaming & Development, Badminton, Cricket, Chess