

Krish Arora

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Education: Bergen County Academies, Hackensack NJ | Magnet High School

2020 - 2024

- Enrolled in the Academy of Technology and Computer Science 3.9/4 GPA, 1560 SAT
- Relevant Courses: AP Computer Science A, SQL, AP Microeconomics, AP Calculus AB, Data Structures, Functional Programming, Computational Theory, Software Engineering, Intro to C, Machine Learning, AI

Skills

Programming Languages: C#, Python, Java, SQL, JavaScript, Typescript, HTML, CSS, NodeJS, C

Software: GitHub, VSCode, MySQL, SQLite, WSL, Unity, Windows, Linux/GNU, Powerpoint, Photoshop, Illustrator, Excel

Conversant in Spanish (taken IB Spanish IV) and Hindi

Experience and Extracurriculars

CTF (Cybersecurity Club) - Co-Leader

2021 - Present

- Give and create weekly lectures about topics in the cybersecurity field to 20+ members
- Ran and created challenges for BCACTF 3.0 + 4.0 (global competitions with 1,000+ participants each)

Computer Science Projects - available on my GitHub

2019 - Present

- Website to raise awareness for people affected by 2023 Turkey–Syria earthquake
- CTF platform that manages users, challenges, etc., developed for BCACTF
- Interactive game played by around 1,000 students at an assembly
- Add-on for a videogame that has over 3,500 downloads

Medical Billing and Consulting of New Jersey, Inc. - Internship

2021 - Present

- Develop utilities and batch scripts to automate workflows and repetitive tasks
- Create and maintain company's website to improve web presence

Code for Charity - Lead Development Team

2022 - Present

- BCA club, create responsive websites for charities and non-profit organizations
- Use technologies including HTML, CSS, and Javascript

Aerospace Club - Lead Programmer

2021

- Created avionics systems for model rockets and club's website (bca-astroknights.github.io/)

Custom Websites

2020 - Present

- Create customized websites, manage hosting, and domain registration for clients
- Proficient with HTML, JS, CSS, React, GoDaddy, GitHub pages, Google Domains, and UI design

Participation in Cybersecurity and Computer Science Competitions

2020 - Present

- UMDCTF 2023 (1st), picoCTF 2022 (tied 4th place score), NJTSA (3rd), googleCTF, 25+ more
- NCSF National Cyber Scholar 2023, NJCCIC Honor Award winner, top 10 in state
- ACSL 2023 Senior Division Finalist

Custom-Built Computers

2019 - Present

- Build custom computers for clients based on their needs (office, gaming, etc.)
- Teach clients how to build PCs and help choose peripherals

Volunteer Experience

- YMath - Non-profit math tutoring 2023 - Present
- Thielke Arboretum - Gardening, trail building/restoration, nature conservation 2023 - Present
 - Redesigning website with Next.js, curating content and enhancing communication
- Computer Science Camp - Gave CS lessons to pre-freshmen and acquainted them to BCA 2022 - 2023
- Wyckoff Summer Academies - Counselor, supported teachers with STEM activities 2022

Boy Scouts of America - Life Scout rank, prospective Eagle Scout, Assistant Senior Patrol Leader

2016 - Present

Activities and Awards

Completed Harvard's CS50x: Introduction to Computer Science | freeCodeCamp's Responsive Web Design Certification

NOCTI Workforce Competency Credential for Computer Programming

National Honor Society chapter Webmaster | High Honor Roll | Participated in hackBCA 2022 and HackMCST V

Jr. Black Belt in Tae Kwon Do | Self-taught guitar and piano | Played flute in school band