

# Ayush Adhikari

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## EDUCATION

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### Northeastern University

05/2027

*BS, Computer Science, Minor in Economics*

*Boston, MA*

- GPA: 3.685/4.00
- Awards/Honors: Dean's List
- Enrolled with Sophomore Standing
- Intramural Cricket and Chess

### Cox Mill High School

06/2023

*High School Diploma*

*Concord, NC*

- GPA: 4.4/3.765
- Awards/Honors: Summa Cum Laude, National Honor Society, AP Scholar
- Participated in Dual-Enrollment with Rowan-Cabarrus Community College (2021-2023)
- Founder/President of SPACE Club (2021-2023), Active member in DECA (2019-2023) and Key Club (2021-2023)

## RELEVANT EXPERIENCE

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### CodePath

Sep. 2023 – Nov. 2023

*Cybersecurity Fellow (Unpaid)*

*Remote*

- Encrypted and decrypted messages through the usage of Ciphers and other Cryptography techniques
- Conducted ethical hacking and exploited system vulnerabilities using John the Ripper
- Tested system vulnerabilities with Metasploitable and ethically crafted malware using MSFvenom
- Employed Steghide for secure data encryption and advanced steganography
- Conducted threat analysis leveraging Open Source Intelligence (OSINT) and Shodan

### Shivgadhi English School

Jun. 2022 – Jul. 2022

*Interim Teacher (Unpaid)*

*Shivaraj Municipality, Nepal*

- Taught Children Ages 9-18 Mathematics, English/Grammar, and Computing
- Topics in Computing: Logic, Predicates, Binary/Base Conversion, Sets, and Graph Theory
- Topics in Mathematics: Algebra, Trigonometry, Geometry, and Pre-Calculus

## CERTIFICATIONS, SKILLS & INTERESTS

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- **Certifications:** MTA: Introduction to Programming Using Python (Jan 2020), Autodesk Certified User: AutoCAD (Dec 2021)
- **Programming Languages:** Python, Java, DrRacket, Ubuntu. Most proficient in Python and DrRacket
- **Additional Skills:** Microsoft Office, Teamwork, Public Speaking
- **Languages:** English (Native), Nepali (Native), Hindi (Limited Proficiency)
- **Interests:** Human-Computer Interaction, Software Development, Cybersecurity, Product Management, Econometrics, Astronomy, Aviation, Geography, Photography, Chess