# Priya Naphade

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## Education

**B.S.E. in Computer Science** 2020 – 2024
Princeton University

- Courses: Information Security, Advanced Programming Techniques, Economics and Computing, Reasoning About Computation, Introduction to Programming Systems, Data Structures and Algorithms, Introduction to Data Science, Linear Algebra, Multivariable Calculus
- Minor in music (vocal performance)
- Activities: Chamber Choir, COS 226/217 Teaching Assistant, Women's Rugby Team (2021-2023)
- GPA: 3.85

## Work Experience

**Offensive Security Research Intern** Summer 2023
Intel Corporation

- Developing novel approaches for performing bug deduplication after fuzzing campaigns

**COS 226 / 217 Teaching Assistant** September 2022 – April 2023
Princeton Department of Computer Science

- Guided students through debugging programming assignments for COS 226 (Data Structures and Algorithms) and COS 217 (Introduction to Programming Systems)
- Reviewed code in Java, C, and ARM assembly language

**Full Stack Developer** September 2022 – January 2023
Independent Project

- Developed a web app called TackleMate to provide personalized feedback on user-inputted videos of rugby tackling drills
- Deployed Google's MoveNet pose estimation model via VertexAI for video processing

**Undergraduate Researcher** Summer 2022
Princeton-Intel Research Experience

- Researched adversarial patches, stickers which can be applied to images or real-world objects to cause misclassification when fed to image recognition models
- Began developing a framework which does not rely on a particular model architecture or knowledge of the patch size to defend against adversarial patches

## Technical Skills

Beginner • Intermediate • Advanced

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| C | Git | Wireshark | HTML / CSS | SQL |
| Java | AFL++ Fuzzing | ARM Assembly | JavaScript | MATLAB |
| Python | Bash | Computer Forensics | Flask | R |

## Awards

**Profiles in Intellectual Generosity** McGraw Center for Teaching and Learning