

Harsh Maheshwari

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in Harsh Maheshwari

🎨 Harsh-artistry

CARRIER OBJECTIVE

A third-year B.Tech student specializing in Computer Science and Engineering with a focus on Artificial Intelligence. I'm actively **seeking internship opportunities to apply my skills** and **gain practical experience in an IT organization**.

Goal-oriented student with strong commitment to collaboration and solutions-oriented problem solving.

Education

BTECH Dr. A.P.J. Abdul Kalam Technical University , Computer Science Engineering with Artificial Intelligence	Nov. 2021 to June 2025
<ul style="list-style-type: none">• GPA: 6.5• Coursework: Software engineering Computer Networks, Algorithms, AI, ML, DSA, DBMS, Operating Systems, Theory of Computation, Computer Networks, Web Technologies, C, C++, Java, Python.	
12Th CBSE Board , Non-medical Science	April 2020 to March 2021
<ul style="list-style-type: none">• Percentage: 77.2	
10Th CBSE Board	April 2019 to March 2020
<ul style="list-style-type: none">• Percentage: 78.2	

Experience

Apple Computer , Software Engineer, Intern	CA, USA
<ul style="list-style-type: none">• Reduced time to render the user's buddy list by 75% by implementing a prediction algorithm.• Implemented iChat integration with OS X Spotlight Search by creating a tool that extracts metadata from saved chat transcripts and provides metadata to a system-wide search database.• Redesigned chat file format and implemented backward compatibility for search.	June 2004 to Aug. 2004 2 months
Microsoft Corporation , Lead Student Ambassador	WA, USA
<ul style="list-style-type: none">• Promoted to Lead Student Ambassador in the Fall of 2004, supervised 10 - 15 Student Ambassadors.• Created and taught a computer science course, CSE 099: Software Design and Development.	Sept. 2003 to Apr. 2005 1 year 7 months
University of Pennsylvania , Head Teaching Assistant	PA, USA
<ul style="list-style-type: none">• Implemented a user interface for the VS open file switcher (ctrl-tab) and extended it to tool windows.• Created a service to provide gradient across VS and VS add-ins. Optimized service via caching.• Programmer Productivity Research Center (Summers 2001, 2002)• Built app to compute the similarity of all methods in a code base, reduced time from $\mathcal{O}(n^2)$ to $\mathcal{O}(n \log n)$.• Created a test case generation tool that creates random XML docs from XML Schema.	Oct. 2001 to May 2005 3 years 7 months
Microsoft Corporation , Software Design Engineer, Intern	WA, USA
	June 2003 to Aug. 2003

- Promoted to Lead Student Ambassador in the Fall of 2004, supervised 10 - 15 Student Ambassadors.

2 months

Projects

Health Management System

2023

- Developed a comprehensive system for managing patient records, appointments, and billing, with features including user authentication, real-time data updates, and integration with external health databases.
- Used Python, MySQL, Flask, and Visual Studio Code/PyCharm.

Movie mentor

2023

- Developed a movie recommendation system providing personalized movie suggestions.
- Used Python, scikit-learn, Pandas, and Jupyter Notebook.

Restaurant Billing System

2022

- Created a system for handling restaurant orders, billing, and inventory management.
- Used Python and Tkinter library.

Additional Experience And Awards

Instructor (2003 - 2005): Taught two full-credit Computer Science courses.

Third Prize, Senior Design Projects: Awarded 3rd prize for a synchronized calendar project out of 100 projects.

Technologies

Languages: C, C++, Python, Java, SQL, HTML, CSS, JavaScript

Software: Oracle Database, VS Code, Git, GitHub, Figma

Databases: MySQL, OracleSQL