

Aditi Bhardwaj

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Education

Wright State University, Dayton, OH

[August 2023 – May 2027]

- Bachelor of Science, Computer Science GPA: 4.0
- *Relevant Coursework*: Foundations of CS I/II, Discrete Structures and Algorithms

Indian Institute of Technology, Madras (India)

[2023-present]

- Bachelor of Science, Data Science (Remote)
- *Relevant Coursework*: Statistics, Python, Computational Thinking

Projects

Conversational Analysis Agent; Games like Minesweeper, Package Delivery Simulation, Genetic Algorithm Simulator

- Utilized skills in Java to develop multiple interactive applications and simulations

Hotel Management Application

- Utilized skills in Python and SQL DBMS to enhance operational efficiency

Personal Portfolio Website

- Developed a maintained personal portfolio website using HTML, CSS, and JavaScript
- [View Portfolio](#)

Website Development for Family-Owned Agricultural Company

- Designed and developed a responsive website using Wix
- Integrated an e-commerce platform for online product sales while utilizing JavaScript, HTML, and CSS beyond Wix's basic templates

Courses and Certifications

- CS50's Introduction to Game Development(edX)- Harvard [July 2022]
- Develop a Company Website with Wix (Coursera) [December 2021]
- Introduction to Basic Game Development using Scratch (Coursera) [December 2021]
- Foundational Level in Programming and Data Science (IIT Madras) [May 2024]

Patents and Research Publications

Patents (Granted)

- Title: Solar Lunch Box/Water Bottle | Design Application No.- 359292-001

Research Publications

- Bhardwaj, A (2022) Connecting Ocean and Space JETIR Vol 9
(<https://www.jetir.org/papers/JETIR2211175.pdf>).

Awards and Achievements

- Member of NSCS (National Society of Collegiate Scholars) [March 2024]

Skills and Interests

Programming Languages

- Experienced in Python, Java, HTML, CSS, JavaScript

Skills/Technical

- Technologies/Tools: MySQL, DBMS, Microsoft Word, PowerPoint & Excel, Google Sheets & Docs, MS Access, Scratch, Wix, Problem-Solving, Statistics

Interests

- Artificial Intelligence, Cyber Security, Prompt Engineering, Quantum Computing, Computational Neuroscience, Simulations and Modeling