

# ABHAY SINGH THAKUR

1160 W Stadium Ave, West Lafayette, IN 47906  
(765) 404-7109  
thakur22429s@gmail.com  
www.linkedin.com/in/abhay-singh-thakur/

## EDUCATION

**Purdue University**, West Lafayette, IN May 2023  
Bachelor of Science in Computer Science and Data Science  
Concentration: Software Engineering & Machine Intelligence  
CGPA: 3.34  
Dean's List and Semester Honors (Fall 2019, Spring 2020, Fall 2020)  
Coursework: Systems Programming, Data Structures and Algorithms, Object Oriented Programming  
**Emirates Future International Academy**, Abu Dhabi, UAE April 2019

## WORK EXPERIENCE

**Undergraduate Teaching Assistant** *Purdue University, West Lafayette, IN* August 2021 – Present  
Grading student assignments, holding office hours, and helping develop course curriculum for the Freshman Tools course, CS193  
**Boiler Gold Rush Team Leader (Student Orientation 2020)** April 2020 – August 2020  
Led a group of 14 incoming freshmen through Purdue University's student orientation

## PROJECTS

**Movie Magpie** July 2021  
Built a basic React app to give movie recommendations based on user-defined parameters  
Packages used: Material UI, Formik  
**Water-U-Doing?** *Purdue University, West Lafayette, IN* January 2021  
Created a web-app at BoilerMake VIII to track users' water usage and generate a comparative report using Django and JS/CSS/HTML | Frameworks used: Dug, Sass and Bootstrap  
**NASA Space Apps Challenge 2020** *Universal Event* October 2020  
Developed a solution for the "Spot That Fire V3.0 Challenge" to help identify forest fires using TFLearn and satellite data from the European Space Association  
**Hello World Hackathon** *Purdue University, West Lafayette, IN* September 2019  
Worked with a team to develop an app to help locate lost bikes on college campuses using location indexing

## ACTIVITIES AND ORGANIZATIONS

**Operations Head, Cricket and Social Outreach (CASO)** *West Lafayette, IN* April 2021 – Present  
Collaborating with other board members to plan and organize cricket tournaments and weekly social events  
**Organizer, Purdue Hackers** *West Lafayette, IN* September 2021 – Present  
Planning and executing event ideas while being part of the Web Dev team  
**Mentor, Hello World 2021** *West Lafayette, IN* September 2021  
Assisted participants with their projects during Purdue University's annual Freshman-only Hackathon  
**Member, b01lers (Purdue Capture the Flag)** *West Lafayette, IN* January 2021 – Present  
Applying skills in web security, cryptography, and forensics to compete in Capture-the-Flag competitions  
**Member, Association of Multicultural Computer Scientists** *West Lafayette, IN* August 2021 – Present

## SKILLS

**Programming Languages:** C, C++, Java, Python, HTML, CSS, JavaScript, R, SQL, Shell Scripting (Bash)  
**Tools and Frameworks:** Agile Development, Git, MongoDB, AWS, Bootstrap, Node.js, Django, React