

ABHAY SINGH THAKUR

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EDUCATION

Purdue University, West Lafayette, IN May 2023
Bachelor of Science in Computer Science and Data Science
Concentration: Cybersecurity & Machine Intelligence
CGPA: 3.86
Dean's List and Semester Honors (Fall 2019, Spring 2020, Fall 2020)
Emirates Future International Academy, Abu Dhabi, UAE April 2019

RELEVANT COURSEWORK

Programming Languages: C, C++, C#, Java, Python, HTML, CSS, JavaScript, R
Other Skills: Git, Shell Scripting (bash), MySQL, LaTeX

PROJECTS

BoilerMake VIII *Purdue University, West Lafayette, IN* January 2021
Created a web-app that tracks users' water usage and generates a comparative report using Django and JS/CSS/HTML | Frameworks used: Dug, Sass and Bootstrap | Link: <https://waterudoing.tech/>
NASA Space Apps Challenge 2020 Participant *Universal Event* October 2020
Developed a solution for the Spot That Fire V3.0 Challenge with a group
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
C++ Project *Abu Dhabi, UAE* Fall 2018
Designed a rudimentary Student Portal with an integrated minigame (Snake) using C++
Runners Up, Regional Robotics Competition *Abu Dhabi, UAE* January 2018
Ideated and built a SumoBot for the BotBattle Event in the Regional Robotics Competition

LEADERSHIP EXPERIENCE

Operations Head *Cricket and Social Outreach (CASO) at Purdue University* April 2021 - Present

- Working with other board members to plan and organize weekly events and cricket games

Boiler Gold Rush Team Leader (Student Orientation 2020) April 2020 – August 2020

- Had the opportunity to lead incoming freshmen through the student orientation at Purdue University

School Head Boy April 2018 – April 2019

- Led the Student Core Council in organizing annual events and managing general discipline in the school
- Improved communication between the administration and students to boost the flow of information

EXTRACURRICULARS

Member, b01lers (Purdue Capture the Flag) *Purdue University, West Lafayette, IN* January 2021 – Present
Applying practical skills in web security, system security, reverse engineering, cryptography, and forensics to compete against other schools and teams in Capture The Flag competitions
Member, School IT/Robotics Club *Abu Dhabi, UAE* April 2014 – April 2017
Improved upon previous designs of the Rubik's CubeSolver getting average solve times to under a minute