

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: 3.34

Dean's List and Semester Honors (Fall 2019, Spring 2020, Fall 2020)

Emirates Future International Academy, Abu Dhabi, UAE

April 2019

SKILLS

Programming Languages: C, C++, C#, Java, Python, HTML, CSS, JavaScript, R, SQL, Shell Scripting (Bash)

Tools and Frameworks: Git, MongoDB, AWS, Bootstrap, Node.js, Django, React

PROJECTS

BoilerMake VIII *Purdue University, West Lafayette, IN*

January 2021

Created a web-app to track users' water usage and generate 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 an opportunity to lead incoming freshmen through Purdue University's student orientation

School Head Boy

April 2018 – April 2019

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

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