

Sachin Patel

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Education

Iowa State University, College of Engineering

- Bachelor of Science in Computer Engineering. Expected May 2024
 - GPA: 4.0/4.0 Transfer Credit: 17.00
 - Honors Program: (Role - Honors Student Board: Philanthropy committee).
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Skills

Computer: C, C++, C#, Python, HTML, CSS, JavaScript, Autodesk Inventor, and AutoCAD.

Other Languages: Spanish (Speak/Write - Limited), Gujarati (Speak - Limited).

Activities

ISU Cardinal Space Mining

(Sep 2020 - Present)

- Build a mining robot that competes in NASA's RMC: Lunabotics Competition.
- Role: Controls Specialist - work on the robot's software and electrical features and make it autonomous.

ISU Robotics Club

(Sep 2020 - Present)

- Build robots to compete in competitions such as battle bots and exo-suit competitions.
- Role: Work on all the software and electrical aspects of the builds.

ISU Critical Tinkers

(Sep 2020 - Present)

- Build programming and electrical projects.
- My group is making a quadcopter with its horizontal axis controlled by side motors.

Rotary Interact

(Sep 2019 - May 2020)

- Helped plan and participate in volunteering activities such as donating/fundraising and food packing.
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Selected Projects

Rover

[Code](#)

- Uses Arduino, Raspberry Pi, Python, HTML, CSS, and C++.
- A webserver controls the rover's multiple features and displays a live feed from the rover's camera.

Space Game

[Project](#) | [Code](#)

- Created a space-inspired video game using C# and Unity.

Alt. Snake Game

[Project](#) | [Code](#)

- Created an alternate version of the classic snake game using HTML, CSS, and JavaScript.
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Employment

Sarpino's Pizzeria

(May 2020 - Aug 2020)

- Pizza Maker and Delivery Driver.
- Managed time to comply with the fast-paced environment.
- Operated the restaurant's Point of Sale system.