

# HIMANSHU PATEL

Naya Raipur, Chhattisgarh, India

📞 in • (+91) 7999636520 • [hpatel27299@gmail.com](mailto:hpatel27299@gmail.com)

## EDUCATION

Year	Degree	Institute	CGPA/Percentage
2018-2022 (Expected)	B.Tech in Computer Science and Engineering	International Institute of Information Institute, Naya Raipur (C.G.)	8.69/10.00 (Till Semester IV)
2017	Class XII, CBSE	Delhi Public School, Bhilai (C.G.)	85.2%
2015	Class X, CBSE	Delhi Public School, Bhilai (C.G.)	10/10

## SCHOLASTIC ACHIEVEMENTS

- Qualified for **ACM-ICPC 2019 Amritapuri Regionals** with **college rank 2**
- Received scholarship for **3 consecutive years** from state government for academic performance

## INTERNSHIP

### Association for Educational Reforms

*Software Developer Intern*

New Delhi

*August 2020 - Present*

- Developing the website for the organization using Angular and Django

## PROJECTS

### Real-Time Soybean Crop Insect Classification using CNNs – [GitHub](#)

Mentor: *Dr. Vivek Tiwari (IIIT Naya Raipur)*

- Experimented with CNN models such as VGG16, GoogLeNet and MobileNet
- Helped in creating a mobile app, capable of offline classification of soybean crop insects
- Created a Django web app for online classification with additional feature to store uploaded images

### Indian Currency Classification and Forgery Detection

Mentor: *Dr. Anurag Singh (IIIT Naya Raipur)*

- Improved the accuracy of currency classifier by fine-tuning hyperparameters of the CNN models
- Created a classifier for detection of counterfeit currency notes using MATLAB

## TECHNICAL SKILLS

- **Languages:** Python, C, JavaScript, HTML, CSS, Dart, MATLAB
- **Frameworks:** TensorFlow, Keras, Django, Flask, Angular, Flutter
- **Libraries:** NumPy, pandas, Matplotlib, scikit-learn, Beautiful Soup
- **Operating Systems and Tools:** Windows, Linux, MySQL, Git, Jupyter Notebook,  $\text{\LaTeX}$

## COURSES UNDERTAKEN

Data Structures, Object Oriented Methodologies, Digital System Design, Database Management System, Web Programming, Computer Organization, Operating System, Computer Networks, Computational Intelligence, Discrete Mathematics, Calculus, Linear Algebra and Differential Equations, Random Process and Statistics

## POSITIONS OF RESPONSIBILITY

- **Core Member** of **The Society of Coders**, IIIT-Naya Raipur
- **Website Manager** of the official website of **Student Activity Center**, IIIT Naya Raipur
- **Event Head** of the core coding competition of **Technovate 2020** (*Techno-Cultural Fest of IIIT-NR*)