

## Rahul Singh Pundir

Email-id : rahulsinghpundir85@gmail.com

<https://github.com/rahulsinghpundir>

Mobile No: 7037702452

<https://www.linkedin.com/in/rahulsinghpundir85/>

### CAREER OBJECTIVE

As fresher who wishes to equip myself with additional skills and hone my leadership skills by working with a team that enables me to develop and work hard.

### ACADEMICDETAILS

Year	Degree/Exam	Institute	GPA/Marks (%)
Sep, 2020 - Present	B. TECH in Computer Science	Graphic Era Hill University Dehradun	94.4 %
2020	12 <sup>th</sup> , C.B.S.E	Saigrace Academy International School	89.00 %
2018	10 <sup>th</sup> , C.B.S.E	Saigrace Academy International School	85.00 %

### PROJECTS

#### Revolutionizing Apple Farming: Identifying and Preventing Kashmiri Apple Disease through Machine Learning

- Developed machine learning models for early detection of plant infections in the vital Kashmiri apple industry, improving accuracy and speed of diagnosis to enable prompt action and protect crops.
- Techstack: Python, Scikit-learn, Machine Learning and Image Processing

#### Optimizing Traffic Flow: Leveraging Machine Learning and Deep Learning to Predict Traffic Patterns

- Predicting the traffic with various data-set using machine learning and deep learning.
- Techstack: TensorFlow, Scikit-learn, Deep Learning and Data visualization & pre-processing libraries

#### Improving IoT Device Security: Utilizing Machine Learning to Detect and Prevent Mozi IoT-Botnet Attacks

- Developed a machine learning model to detect the Mozi IoT-Botnet, utilizing decision tree algorithm for superior accuracy and efficiency. Promising results indicate potential for real-world application and future refinement.
- Techstack: Decision Trees, Preprocessing and Data Analysis

### INTERNSHIPS

#### Website for Asian Physics Olympiad 2022 India, achieving top Google search ranking with effective SEO:

Optimized website for Asian Physics Olympiad 2022 in India with WordPress and SEO, securing top Google ranking and driving high traffic. Exceptional user experience and seamless registration process ensured.

#### Website Development and Optimization at Naturoganics with Wix Framework and SEO Strategies

As a Wix developer at Naturoganics, I collaborated with three interns to implement content enhancers and SEO optimizers, aimed at improving the user experience and driving traffic.

### TECHNICAL SKILLS

- Languages:** Python (proficient), Java, C, and C++.
- Machine Learning Tools:** scikit-learn, Keras and TensorFlow.
- Website Tools:** HTML5, CSS3, JavaScript Bootstrap, and Flask.
- Others:** Data Structure, Algorithms, OOPS Concepts and Design patterns.

### SOFT SKILLS

- Dedicated, Self-motivated, Quick Learner, problem solving skills and Patience.

### SCHOLASTIC ACHIEVEMENTS

#### Ranked within top 300 globally in AWS Deep Racer competition

Ranked top 300 worldwide in the AWS Deep Racer competition by optimizing performance of my autonomous racing car using reinforcement learning techniques. Demonstrated expertise in AI and machine learning and excelled in challenging environments through creativity and innovation.

#### Forest Fire Prevention Patent

Created a forest fire warning system utilising What Three Words technology, enabling for immediate action to protect and preserve India's forests for future generations.

### CERTIFICATIONS

- Certified Azure Professional** - Expertise in Machine Learning and Azure Portal with 80% Score in Certificate Exam.
- Machine Learning Specialist Slog** - Hands-On Experience in Python and Project Development through Certificate Course.
- Certified from Coursera in Deep Learning**- Proficient in Python and Advanced Image Processing Techniques including CNN and YOLO.

### PUBLICATION RESEARCH

- Water Breeze Patent** - An Idea to reduce scarcity of water specially in rural and humid areas.
- Sentiment Analysis on twitter** - Predicting the polarity of tweets on twitter data.