Gaurav **Sahadev**

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"Knowledgeable in various avenues of Machine Learning. Ability to develop suitable Product Codes and Algorithms. Proactive with a problem-solving attitude. Ability to build innovative AI solutions for real-life concerns."

Education

Siliguri Institute Of Technology   *Siliguri, West Bengal*
B.TECH. IN COMPUTER SCIENCE AND ENGINEERING   *Aug. 2016 - July. 2020*
- CGPA (Till 5th Semester): 7.4 / 10 .

Skills

Programming	C/C++, Python, JAVA, JavaScript (Beginner), SQL
Libraries & Frameworks	Numpy, Pandas, TensorFlow, Scikit-learn, OpenCV, Spyder
Back-end	Flask, REST API
Front-end	HTML5, CSS
Languages	Hindi, English, Bengali

Coursework

Online Courses

- Deep Learning Specialization (Deeplearning.ai)
- C/C++ Training (Spoken Tutorial, IIT Bombay)
- Java Training (Spoken Tutorial, IIT Bombay)
- Python3 Bootcamp (Udemy)

Projects

Advanced Tools for Healthcare and Diagnostics   *Siliguri, India*
PROJECT LINK   *March. 2019 - PRESENT*
- Created a web application for the prediction different types of diseases.

Drowsiness Detection and Alert System   *Siliguri*
PROJECT FEATURED IN INTEL DEVELOPER MESH   *Oct. 2018 - Dec. 2018*
- Created a device to detect dowsiness to avoid road and highway accidents.

Tea Rating   *Siliguri*
PROJECT FEATURED IN INTEL DEVELOPER MESH   *Nov. 2018 - Dec. 2018*
- Used Machine Learning algorithms like SVM and LDA, Created a model to predict best quality tea using chemical data

Extracurricular Activity

Computer Engineers' Society   *Siliguri, India*
CORE MEMBER   *Jan. 2018 - PRESENT*
- Gained expertise in solving algorithmic problems.
- Reformed the society focusing on software engineering and building network on and off campus.
- Held several programming competitions non-profit, just for fun.

Hackerearth Club Siliguri   *Siliguri, India*
CO-FOUNDER   *Aug. 2018 - PRESENT*
- Gained expertise in competitive programming areas from solving the basic to advanced problems.
- Held Code War (coding competition) in campus.

Autonomous Robotics Competition   *Siliguri Institute Of Technology*

CO-ORGANIZER   *20th Feb. 2019*

- Organized autonoumous robotics competition for annual technical fest of college.
- Proposed various types of methods for upgrading the robots.

Developer Weekend Siliguri   *Siliguri, India*

VOLUNTEER   *20th April. 2018 - 22nd April. 2018*

- Helped in organizing the event at campus.
- Proposed various types of marketing activities to raise awareness.

Honors & Awards

INTERNATIONAL

2019	**Intel Software Innovator**, Intel	*India*
2019	**Participation**, Google Summer Of Code 2019	*Online*
2019	**Participation**, Smart India Hackathon 2019	*India*

DOMESTIC

2019	**3rd Place**, Code Wiz, Insvaganza 2019	*Siliguri, India*
2019	**Semi-Finalist**, Technical Tresure Hunt, Insvaganza 2019	*Siliguri, India*
2017	**Participation**, Code Bites 2	*Siliguri, India*

Writing

Dynamic Programming   *Siliguri Institute Of Technology*

UNDERGRADUATE STUDENT SEMINAR REPORT   *Feb. 2019 - April. 2019*

- Drafted report about Dynamic Programming and its applicatons under the guidence of Prof. Anupam Mukherjee and Prof. Moumita Ghosh.

Program Committees

2019	**Co-Organizer**, Autonomous Robotics Competition	*S.I.T. India*
2018	**Problem Writer**, CODE WAR 2018	*S.I.T. India*
2018	**Core-Member**, Computer Engineers' Society	*S.I.T. India*