

Prakhar Srivastava

Research Interest

Building machine learning, image processing, data science related projects. Also, learning quality control (six sigma) for secure computing based technologies to improve health infrastructure and operation efficiency of cities.

Education

- 2021-Present **Master of Science**, *Computer Engineering, Department of ECE, Stony Brook University, New York, United States.*
- 2013–2017 **Bachelor of Technology**, *Department of Electrical Engineering, DIT University, Dehradun, India, CGPA - 7.35.*
Advisor: Prof. Mohit Bajaj, *Research Area:* IoT(Embedded C), Power Quality
- 2012 **Intermediate**, *St. Paul's Senior Secondary School(CBSE), Kathgodam, India, Percentage - 73%.*
- 2010 **Matriculation**, *St. Paul's Senior Secondary School(CBSE), Kathgodam, India, CGPA - 7.4.*

Employment

- Oct 20-Jan 2021 **Python Developer intern**, *Solera Life Sciences Pvt Ltd., Work From Home.*
- Jan 18-Oct 2020 **Electrical Engineer (QA)**, *Monteage Technologies Pvt Ltd., Delhi, India.*
- Jul-Dec 2017 **Electrical Engineer Trainee (QC)**, *Hind Rectifiers Ltd., Dehradun, India.*
- Feb-Jul 2016 **SME Intern**, *Abhilash Consultancy Services, Work From Home.*

Publications

- 2018 Prakhar Srivastava, Mohit Bajaj, Ankur Singh Rana, "IOT based Controlling of Hybrid Energy System using ESP8266", IEEMA Engineer Infinite Conference (eTechNxT), New Delhi, pp.1-5, June 2018.
- 2018 Prakhar Srivastava, Mohit Bajaj, Ankur Singh Rana, "Overview of IOT Based Smart Irrigation System using ESP8266 WiFi module", Fourth International Conference on Advances in Electrical, Electronics, Information, Communication and Bio-Informatics (AEEICB), Chennai, pp.1-5, Oct 2018.

Projects

- Oct 2020 **Internet operated app control wireless robot using Blynk and NodeMcu ESP-12.**
- Mar 2017 **Controlling of Hybrid Energy System using IOT (Internet of Things)**, *Department of Electrical Engineering, DIT University, Prof. S Bhanu Prakash.*
- Jun 2016 **Distribution And Utility of power supply**, *UPCL (Uttarakhand Power Corporation Limited), Dehradun, SDO. Arshad Ali, Dr. Gagan Singh.*

- Feb 2016 **Open platforms to allow sensor to store data in the cloud**, *Department of Electrical Engineering, DIT University, Prof. S Bhanu Prakash.*
- Dec 2014 **Designing of Fast Grid Navigating Line follower Robot**, *Department of Electrical Engineering, DIT University, Prof. Mohit Bajaj.*

Achievements

- 2016 **10th position in Ideate, Ahaar Paper Presentation**, *Techfest, IIT Bombay.*
- 2015 **2nd in Braino challenge**, *Personality development Club, DIT University.*
- 2015 **MATLAB Workshop**, *IEEE-students, DIT University, Prof. Nafees Ahamad.*
- 2014 **3rd in Circuit Antakshri Way To Light**, *Amperanza, DIT University.*

Technical Skills

- Software PROTEUS DESIGN SUITE, VISUAL BASIC, AUTOCAD, LABVIEW, MULTISIM, MATLAB.
- Programming C/C++, EMBEDDED C, PYTHON, SQL, HTML.

Coursework

- Core Courses
- 1.) Digital Image Processing
 - 2.) Principle of Programming Languages
 - 3.) Network Security Engineering,
 - 4.) Wireless Network.

Extra Curricular Activities

- Sports Cricket, Swimming and Badminton.
- Extra Mountain Trekking, Guitar and Sci-Fi Movies.

Language

- English Fluent
- Hindi Fluent