

# Sudhanva Narayana

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Bengaluru, India

## Education

### PES University

Bengaluru, India

- Candidate for Masters of Computer Applications, Data Science (GPA: 9.1)

September 2017 – May 2020 (Exp)

### Bangalore University

Bengaluru, India

- Candidate for Bachelors of Computer Applications

July 2013 – November 2016

## Skills

**Programming:** Python (Data Science), JavaScript (Web), Ruby (Web), C, C++, SQL

**Relevant Skills:** Git and GitHub, Data Analytics, Machine Learning, DevOps (AWS)

## Work Experience

### DCT Academy

Bengaluru, India

*Intern, Machine Learning Engineer*

August 2018 – Now

- Improved student engagement with the code platform by 60%, building an assignment recommendation engine
- Successfully deployed machine learning model to the cloud and automated the recommendation process

### FastStream Technologies

Bengaluru, India

*Research Intern, Machine Learning*

June 2018 – July 2018

- Image classification on electrical impedance tomography with model cross-validation and performance evaluation
- Limit power consumption of IoT devices automatically and alert the user of the devices' activities

### Department of Biotechnology, PES University

Bengaluru, India

*Research Intern, Data Science*

January 2018 – May 2018

- Used Python and a variety of bioinformatics tools to analyze the efficacy of protein design software
- Generated insights and graphs for over 100,000 proteins, amino acids and their DNA sequences

## Project Work

### Recommendation API (Individual)

*Python, Flask, APIs*

- RESTful API that servers a machine learning model for the recommendation of assignments/problems
- Returns recommended assignments for a user and related assignments from an assignment

### College Analytics and Session Management Tool (Group)

*Node.js, React.js, MongoDB*

- All in one app where colleges can create and manage their departments, faculty, timetable and sessions
- A mobile companion application through which the teachers can register their attendance or presence

### DCT Academy Chatbot (Freelance)

*DialogFlow, Node.js*

- An information collective and scheduling chatbot that is deployed on Google Assistant and Facebook Messenger
- It also serves as a knowledge base for DCT Academy's Full Stack Web Development Course

## Publications

- Classifying Electrical Impedance Tomography images by resistances based on contours - <http://bit.ly/2MMeYWK>
- Limiting Power Consumption on Home Appliances using Machine Learning - <http://bit.ly/2xmDbOF>

## Additional Experience and Awards

- Actively training every batch of students on *Git*, *Github* and relevant tools at *DCT Academy*
- *Volunteer*, MCA *Init Club* – actively teaching web development, data science to students at *PES University*
- 3 *Distinction Awards* and 1 *Prof. CNR Rao Scholarship* from PES University for good performance in academics.
- 2 *Prof. MRD Merit Scholarships* from PES University for high scoring in academics