

# Aditya Wagh

<https://www.adityawagh.ml>

Email : [aditya@adityawagh.ml](mailto:aditya@adityawagh.ml)

Mobile : +91-850-300-8530

## EDUCATION

---

- **Birla Institute of Technology and Science** Pilani, India  
*Bachelor of Engineering in Electronics and Instrumentation; GPA: 5.55* Aug. 2015 – July. 2019
- **Loknete Vyankatrao Hiray Arts, Science and Commerce College** Nashik, India  
*Higher Secondary Certificate, MSBSHSE; 85.69 %* Aug. 2015 – July. 2019
- **Symbiosis School** Nashik, India  
*All India Secondary School Examination, CBSE; GPA: 10* Aug. 2015 – July. 2019

## EXPERIENCE

---

- **CSIR -Central Electronics Engineering Institute** Pilani, India  
*Research Assistant* July 2018 - December 2018
  - **Annotated part of a dataset comprising of images of healthy power lines:**
  - : -2pt     Trained a masked region proposal convolutional neural network
  - **Annotated part of a dataset comprising of images of healthy power lines:**

## PROJECTS

---

- **Variable computation using recurrent neural networks:** RNN unit that varies the amount of computation corresponding to the input data.
- **FIR Filter design using an adjustable window function:** Data Visualization of Git Log data using D3 to analyze project trends over time.
- **Recommendation System:** Music and Movie recommender systems using collaborative filtering on public datasets.
- **Mac Setup:** Book that gives step by step instructions on setting up developer environment on Mac OS.

## PROGRAMMING SKILLS

---

- **Languages:** Python, C, C++, MATLAB, bash, HTML, CSS, markdown
- **Frameworks and Libraries:** Keras, Tensorflow, OpenCV, STL
- **Operating Systems:** Windows, Linux