

YADHUKRISHNAN P

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ABOUT

- Undergraduate student interested in Software Development and Machine Learning
- Avid competitive coder and one of the top 1000 competitive coders in the country on Codechef. (Overall Rating: 2138)
- Passionate Software developer and UI design enthusiast.

TECHNICAL SKILLS

- **Languages:** Python, C, C++, Java, HTML, CSS, SQL, Javascript, Ruby
- **Frameworks:** Pandas, Rails, ReactJS, Flask, ExpressJS
- **Others:** LaTeX, Microsoft Office, Google Cloud Platform

EDUCATION

SSN College of Engineering **Chennai, India**
Currently Pursuing *2017 to 2021*

- Cumulative GPA : 8.15 (Five semesters)
- Clubs : Competitive Programming Club, Google Developer Student Club

D.A.V. Public School **Chennai, India**
Completed *2003 to 2017*

- Class X : 10.0 CGPA · Class XII : 93.6%
- Clubs: Math Club, English Club, Science Quiz Club

EXPERIENCE

Tesark Technologies **Chennai, India**
Software Development Intern *Dec 2019 to Jan 2020*

- Learned Ruby on Rails and created an application for basic library management.
- Developed a few pages for internal purposes using Ruby on Rails.

National Centre for Coastal Research **Chennai, India**
UI Development Intern *Apr 2019 to May 2019*

- Designed and implemented a dashboard front-end for an internal fisheries application.
- Helped and aided in preliminary testing of the software.

Intellify **Virtual Internship**
Subject Matter Expert *Nov 2019 to Dec 2019*

- Curated new questions and solutions on Quantitative Reasoning in various difficulty levels for school students.

PROJECTS

Social Network Application **Jul 2020 to Present**

- Building a simple web application using ReactJS and ExpressJS to simulate social networking.

Unusual Event Detection **Dec 2019 to Jan 2020**

- Developed a mobile application that seamlessly updates data from a real-time database.
- Backend was developed using an open source API to detect collisions and send live data to the real-time database.

Employability Rating System **Oct 2019 to Jan 2020**

- Developed a system that rates the employability of an applicant based on the data parsed from their resume.

SSN Web Application **Jun 2019 to Aug 2020**

- Worked on the development of the designs of a web portal that allows professor interaction with fellow students.

Pneumonia Detection System **Nov 2019 to Dec 2019**

- Created an image classification model for predicting pneumonia using chest X-ray images.
- Integrated the model into a simple website which built using flask.

COURSES AND WORKSHOPS

- Machine Learning, Coursera (Stanford University) Score: 99.6%
- Python for Data Science, Coursera (University of Michigan) Score: 100%
- GCP Fundamentals, Coursera (Google) Score: 97.7%
- Convolutional Neural Networks, Workshop at SSN College of Engineering

OTHER INTERESTS

- Languages - English (Professional) · Hindi (Fluent) · Malayalam (Native) · Tamil (Fluent) · German (Beginner)
- Hobbies - Music · Anime · Sports · Books · TV Shows