

Revathi Vijayaraghavan

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To learn and grow in a challenging atmosphere and solve problems in an effective manner for the betterment of the society.

901 - Vysakh Heritage, 11th Road, Chembur, Mumbai - 400071, Mumbai, India

EDUCATION

B.Tech - Computer Engineering

Veermata Jijabai Technological Institute, Mumbai

2017 – Present

CPI : 9.55

HSC

SIES College of Arts, Science and Commerce, Mumbai

2017

92.92%

SSC

St. Anthony Girls' High School, Mumbai

2015

94.2%

PERSONAL PROJECTS

No Spoilers! (10/2019)

- A chrome extension to blur out spoilers on web pages using JavaScript for backend and python-nltk for NLP and picking out keywords so the show isn't ruined for the user.

Blindness Detection (06/2019 – Present)

- Detecting diabetic retinopathy using convolutional neural networks and image processing, using keras for building a CNN, cv2 for image processing.
- Project made as a submission for Kaggle APTOS-2019 Blindness detection competition.

Diabetes Prediction (05/2019)

- Built a diabetes classifier using various machine learning models (Logistic Regression, KNN, Decision tree classifier, SVM)

Be Informed (02/2019 – 03/2019)

- A web application to reduce communications barriers between professors and students in a college using Flask (backend) and HTML, CSS5, Bootstrap (frontend) and SQLAlchemy for database management.

WORK EXPERIENCE

Project Intern

Intellect Design Arena Ltd.

06/2019 – 07/2019

Mumbai

Achievements/Tasks

- Built a web service that uses Django for back end, Java Servlets for server extension and ExtJS for UI
- Performed EDA on given Dataset and built a k-means clustering model for the same using sklearn

SKILLS

C++

MySQL

HTML/CSS

Machine Learning

Deep Learning

ExtJS (Basic)

AWARDS AND ACHIEVEMENTS

Maharashtra Topper - Girls' Category (2017)

Stood first in the state in MHT-CET 2017, with a girls rank of 1 and state rank of 15

SIES College of Arts, Science and Commerce - HSC Topper (2017)

Stood first in the HSC examination in SIES college of Arts, Science and Commerce

National Children Science Congress (2015)

Our team stood first among many schools in National Children Science Congress (District Level) and was selected to represent Mumbai at State Level for the project - Effect of acid rain on growth of plants.

EXTRA CURRICULAR

Technovanza (07/2018 – 12/2018)

Department Head (Computer Dept) and Corporate Relations Executive

Technovanza (07/2017 – 12/2017)

Department Co-ordinator for Department of Computer Engineering

CERTIFICATES

Certificate of Internship - Intellect Design Arena Ltd. (2019)

Machine Learning - Coursera (2019)

INTERESTS

Violin

Bharatnatyam