SHARAD SWAMINATHAN

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EDUCATION

University of Mumbai *July 2015 - June 2019*
B.E. in Information Technology
GPA: 7.57 / 10.0
Relevant Coursework:
Data Structures and Algorithm Analysis — Object Oriented Programming Methodology — Computer Organization and Architecture — Computer Networks — Automata Theory — Operating Systems — Data Mining and Business Intelligence — Intelligent Systems

T.P. Bhatia College of Science *July 2013 - May 2015*
HSC *(High school)*
Score: 79.38%

PROJECTS

det0x - Toxic Comments Classifier (Final Year Project)

A web-app written in Python, designed to detect and classify toxic user comments on Twitter using a recent neural network model - Capsule Networks. The model is trained on a dataset containing over 150,000 internet comments. Users can enter the URL of a Twitter profile. The application fetches tweets from the entered URL and classifies them based on their toxicity.
Technologies used: Keras, Twitter API, Jinja2, Flask, Python.

Portfolio (Personal Project)

A portfolio website built for myself using React and SCSS with Bulma CSS framework. Hosted at `https://www.sharadsw.github.io`.
Technologies used: React, SCSS, JavaScript.

eLeave - Leave Management System (College Project)

An Android application written in Java that works as a mock leave management system for business organizations. Users can register either as an employee or as an admin. Employees are able to able to apply for leaves, check their leave balance and their leave history. Admins can either grant or reject the requested leaves. Data is stored using the Android SQLite database.
Technologies used: Android, SQLite, Java.

Lyricify (Hobby Project)

A command-line + GUI application written in Python for desktop, detects the currently playing Spotify song and fetches its lyrics by web scraping. Users can optionally use a GUI which is built with the GTK library.
Technologies used: BeautifulSoup, GTK, Python.

ONLINE COURSES

1. Machine Learning - Coursera

2. Algorithms, Part I - Coursera (Ongoing)

3. Full Stack Open 2020 - `www.fullstackopen.com` (Ongoing)

SKILLS

Languages	Java, Python, JavaScript, GNU Octave
Frameworks/Libraries	React, Express, Node.js, Flask
Databases	MongoDB, SQL
Tools	Git, Linux Shell, Heroku