SHREYANSH CHHEDA

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EDUCATION

B.tech. CE
VJTI, Mumbai
CPI - 7.7   (2020)

HSC
KES Jr College of Science, Mumbai
84.31%   (2017)

ICSE
St.Gregorios High School, Chembur
92.33%   (2015)

TECHNICAL SKILLS

Intermediate Language proficiency
C++, Python

Basic Language proficiency
Java, SQL

Version Control System
Git and GitHub

Web development
- Front-End - HTML, CSS, JavaScript
- Back-End- Flask, Django (Python)
- Database Management
  - MySQL, SQLite

Machine Learning
- Frameworks - TensorFlow
- Libraries - Keras, Scikit-Learn
- Data Augmenting - Pandas, NumPy
- Visualisation - Matplotlib, Seaborn

POSITIONS OF RESPONSIBILITY

College Cup Head
Marketing, Technovanza (2019)
In-charge of the Campus Ambassador
Program and College Cup Marketing.

Mentor
Community of Coders
Teacher and Mentor for workshops.

WORK EXPERIENCE

Research Intern
VJTI, Mumbai (Summer 2019)
Researched on developing a new Edge Computing policy for maximising accuracy and minimising energy consumption. Demonstrated and applied using a Raspberry Pi, with a colleague.

Junior Developer Intern
Centre of Excellence (CoE), VJTI, Mumbai (Winter 2018)
Built a custom Spam Email classifier using basic Natural Language Processing techniques. Built using Flask, with a colleague.

Software Developer
Self-Employed
Built applications with regular updates to meet client expectations.
- DataLeakageDetection - An online Data Leakage Detection System, based on user level privilege. Built using Django.
- ApnaHapus - A decision support system to choose the best route based on either "time of delivery", or "money spent in transportation", as constraints.

PROJECTS

FakeNet
A website that classifies Fake News, Fake Images (AI generated) and Fake Videos (facial forgery) using neural networks.

Trumped
A micro-payment blogging website for posting genres of Real News and classifies it from Fake News with the help of a Softmax classifier, a Spam classifier, and Smart Contracts.

BookRecommender
An online Library management system which updates recommendations based on every subsequent cycle of borrowing using a Restricted Boltzmann Machine.

EXTRA CIRRICULAR ACTIVITIES

- World record holder for 24-hour group skating, 2018.
- Skating Coach at Sandeep Skating Academy, 2015-2017.
- Captain of the U/17 and U/19 Roll-ball teams in 2015 and 2016 respectively. (Representing Mumbai).
- Skating Rink racing, Gold medallist 2014.