VISHWA VIPULKUMAR SHAH

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Education

- **BITS Pilani, K.K. Birla Goa Campus** — Goa, India
  Bachelor of Engineering in **Computer Science**, CGPA: 8.90/10 — 2018- Present
- **Pace Junior Science College** — Mumbai, India
  Class 12 : 94.77% — 2016- 2018
- **Pawar Public School** — Mumbai, India
  Class 10: 95.50%(ICSE) — 2016

Skills

- **Programming**: Java, C, C++, Python, Octave, MATLAB
- **Python Libraries**: Keras, Numpy, Scikit-learn, Pandas, Matplotlib
- **Software Packages and Frameworks**: Jupyter Notebook, Arduino UNO, AutoCAD

Projects

- **Modeling Cognitive Functions of Consumer Behavior**: — Ongoing
  Guided by Prof. Bharat Deshpande, BITS Pilani, K.K. Birla Goa Campus
  Developing a Machine Learning Model to determine consumer behavior using **EEG signals** collected from test subjects and processed using **MATLAB**, **Python libraries.**
- **Markov Model Of Natural Language**: — June 2019
  Used a Markov Chain to create a statistical model of a piece of English text. Simulated Markov chain to generate stylized pseudo-random text in **Java**.
- **Smart Home using IoT:** — May 2019
  Assembled an IoT device using **PIR sensors**, **ESP 8266 Wi-Fi Module** and **Arduino Uno** microcontroller and programmed to automatically control IoT devices based on presence of occupants on Arduino IDE.
- **Machine Learning in Python (Mini Projects)**: — May 2019
  Credit Card Fraud Detection, Movie Recommendation System, and Hand Written Digits Recognition in Python.

Coursework

- **Computer Science**: Object Oriented Programming, Logic in Computer Science, Discrete Structures, Digital Design, Introduction to Computer Science COS 126 (By Princeton University), Data Structure and Algorithms*, Database Management Systems*, Microprocessors and Interfacing*, Network Management (By Nettech Private Limited)
- **Machine Learning**: Machine Learning (By Stanford University), Deep Learning Specialization* (By deeplearning.ai), Career Building Course on Machine Learning in Python (By Skyfi Labs)
  *To be completed by May 2020.

Accomplishments and Positions of Responsibility

- **Topper** of BITSAT 2018 amongst female students of BITS Pilani K.K. Birla Goa Campus — July 2018
- **Mentor** - Peer Mentorship Program, BITS Goa — Aug 2019-Present
- **Core Member-** Alumni Relations Cell, BITS Pilani K.K. Birla Goa Campus — Aug 2018-Present
- **Member -** Mime Club (Goa campus) – part of various productions by the club — Aug 2018 – April 2019