Curriculum Vitae

SHAKUNTIKA THAKUR

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PERSONAL DETAILS
Date of Birth: 05 August '97
Hobbies: Reading, Writing, Debating, Drawing, Travelling,Swimming.
Communication: Fluent in oral and written Hindi and English, Marathi(Reading and Writing)

EDUCATIONAL QUALIFICATIONS
- Pursuing **7th semester of B.E. degree** from Pune Institute of Computer Technology (PICT), in **Electronics and Telecommunications.**
- Passed first year with **9.16 CGPA**, second year with **9.16 CGPA** and **9.35 CGPA** in the 5th semester under Savitribai Phule Pune University (2015-19)
- Secured **89.4%** in higher secondary from J.H.Ambani School, Lodhivali (CBSE-2015).
- Secured **97.8%** in high school from J.H.Ambani School, Lodhivali (CBSE-2013).

TECHNICAL KNOWLEDGE
- **Languages :** C, C++, HTML, Python(basic)
- **Database:** MySQL
- **Softwares:** MATLAB, Proteus, Keil uVision, Labview.
- **Microcontrollers:** 8051, PIC18FXXX,Arduino, LPC214X
- **Microprocessors:** ARM7
- **Single Board Computer:** Raspberry pi

DOMAINS OF INTEREST
- Embedded Systems
- Cryptography
- Digital Image Processing
- Computer Networks

WORK EXPERIENCE
Company: Reliance Jio
Duration: 29/05/17 to 30/06/17 (1 month)
Role: Summer Intern
Topics Covered: FairPlay Streaming Technology in iOS devices.
                   Role of Bitcoins and blockchains in the current economy.

PROJECTS
- **Domain**: **Integrated Electronics**
  Title: Audio Power Amplifier using IC LM386
  Description: It is a simple circuit that takes an electrical as an input and amplifies and sends it to the speaker as an output.

  Title: Digital to analog converter.
  Description: It is a simple circuit that takes a digital signal as an input and converts into an analog signal.

- **Domain**: **Object Oriented Programming**
  Title: Banking Management System
  Description: To create a banking management system using basic concepts of OOP like classes and objects.

- **Domain**: **Microcontrollers and applications**
  Title: Dam Automation System using 8051
  Description: According to the water level in the dam it opens or closes the stop gates of the dam.

  Title: Door locking system using pic microcontroller
  Description: Microcontroller based solenoidal door lock which opens if the correct password is entered or else remains closed.

- **Domain**: **Sensor Technology**
  Title: Weather monitoring and green house control system
  Description: Developed a system which detects the surrounding environmental conditions, displays them and suggests changes.

- **Domain**: **Image Processing(3rd year mini project)**
  Title: Self driving car
  Description: Developed a self driving car that can detect lanes and drives in between the two lanes and avoids any obstacle coming into its path.

CAMPUS INVOLVEMENT AND OTHER SKILLS
- Part of Entrepreneurship Development Cell- 2016
- IET(The Institute of Engineering and Technology)Member (2015-2019)
- Model United Nations PICT Deputy Secretary General (2016 and 2017)
- Demonstrated leadership through active role in clubs throughout college life.
- Good Analytical and Logical ability.
- Good oral and written communication skills.
- Responsible and dedicated towards a given task.
- Excellent team building and decision making ability.
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EXTRA CURRICULAR

- Have anchored all the major technical and non-technical events in college premises.
- Was the Co-Editor for the College Annual Magazine- Pictoreal.
- Active member of the MUN(Model United Nations) club.
- Have successfully organised 4 events for ED Cell and MUN Club including workshops, seminars and conferences.
- Got hired as the Marketing Executive for Laugh Out Loud Ventures in April '16.

DECLARATION
I hereby declare that the above mentioned information is true to the best of my knowledge and belief.

Date: 28/06/18
Shakuntika Thakur