


# Arjun Panchmatia

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 <https://github.com/KafkaOnTheInternet>

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## Experience

June '17 - August '17

### **Hexaware Technologies**

Intern

Used Selenium with Python to aid in internal automation tool development.  
Used collaborative filtering to generate company statistics.

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## Education

August '17 - Present

### **KJ Somaiya College of Engineering**

Vidyavihar, Mumbai

*BE in Computer Engineering*

'08 - May '14

### **NES International School**

Mulund, Mumbai

*School rank 1 for science.*

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## Leadership and Activities

August '17 - Present

### **Debate Competitions**

\* = participated as judge

SPITfire Oxford, GLC British Parliamentary(Novice finals), IIM Indore 2018  
British Parliamentary(Quarters), \*IIT Bombay 2018, \*IIT Bombay IV 2019,  
SPCE space debate(Semi-finals), BIG Somaiya Debate 2017, Big Somaiya  
Debate 2018(Finals), \*RAIT intracollege Oxford(invited judge), \*KJSCE Shield  
Debate(winner)

Jan'18 - Present

## **KJSCE Debate Society**

Head

Conduct weekly open sessions teaching competitive debate formats. Teach novice debaters the basics of argument building, baseline philosophy, and oral communication. Coordinate and select members for participation in intercollegiate competition

'11 - '14

## **Event hosting**

Various roles

Organised and hosted multiple inter and intra-school events at various different positions.

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## Programming/CS

### **Languages**

Python, C/C++, Java, Haskell, Rust, Javascript, Assembly

**Frameworks** Each category's frameworks are listed in order of experience

- Web dev: *Django, Flask, Node+Express, React, Vue, various CSS utilities*
- ML: *Numpy, Pandas, fastai, sklearn, pytorch*
- Graphics/Image processing: *OpenCV, SDL, Pygame*

### **Interests**

Competitive Programming, Hardware Emulation, Deep Q Learning, Graph Theory, Polynomial Reductions, Computability

### **Projects**

8080 emulator(C), NES emulator(C++), ASCII art converter(Java), simple game automation via deep Q learning(Python), collaborative real time synchronized Youtube player(Javascript)