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# TRIPTI SAINI

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## CS Undergraduate (Sophomore)

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### Summary

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Computer science enthusiastic, excellent at juggling multiple tasks and working under pressure, motivated for innovation and collaboration.

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### Work experience

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June 2017 - July 2017      Summer Trainee

*IGDTUW- DELHI*

8th summer training program on "**Build your own smart device**" was conducted by the Computer Science department of IGDTUW in collaboration with **Microsoft**, Finland. It was an intensive 6-week training where professors and staff of IGDTUW imparted theoretical and practical knowledge. Various sessions and guest lectures were also conducted by professors from IIT-D, MIT scholar and other experts.

***Accomplishments:***

- Built an IoT device- "**Smart Cradle**"
- Built an application for **Child Growth Monitoring System**

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### Technical Summary

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#### Languages and Technologies

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- C/C++
  - HTML
  - CSS
  - JavaScript
  - Bootstrap
  - Embedded C
  - Python
  - Microsoft Technologies

#### Industrial Knowledge

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- Object Oriented Programming
  - Algorithms
  - Data Structures
  - Database Management System
  - Operating Systems

#### Soft Skills

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- Active listener
  - Enthusiastic and highly adaptable
  - Eagerness to dig into technical questions
  - Strong analytical and diagnostic skills
  - Understanding of vulnerabilities from the Internet
  - Demonstrated skills in innovation and collaboration

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## Education

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- 2016 - 2020 Bachelor of Technology, Computer Science Engineering  
*Indira Gandhi Delhi Technical University*
- 2014 - 2016 Senior Secondary Education , Science  
*Happy Home Public School, Delhi*
- Head of Student Council (2015-2016)
  - Rank 25 in Delhi at National Mathematical Olympiad (2014-2015)
  - 2nd position in maths exhibition at 2nd and 3rd National Maths Symposium (held at IIT-D)
  - 12th-94.6%(CBSE)
  - 10th- 10 CGPA (CBSE)

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## Accomplishments

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- *Project Development*  
Collaborated with team of Dilsheen Kaur and Prerna Singh in the development of "**Smart Cradle**",an IoT based product, under "Build your own smart device" workshop
- *Project Development*  
Created a web page "**Tribute Page**", to honor Prime Minister Narendra Modi, using HTML and CSS.
- *Project Development*  
Created a web page "**Portfolio**" using HTML and CSS.

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## Certification of Completion

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Certification authority microsoft university relations, DIC-MHRD, ITRA & Intel

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## Co-curricular Activities

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- Director of Vocational Services at Rotaract Club of IGDTUW
- Coordinator/Volunteer at Training and Placement Cell,IGDTUW
- Head Coordinator at Taarangana
- Head Coordinator at Inerve
- Volunteer at Rise All Foundation
- Former writer and actor at Rahnuma