

## Zeel B Patel

Date of birth: 04-08-1996  
Nationality: Indian  
Email: [patel\\_zeel@iitgn.ac.in](mailto:patel_zeel@iitgn.ac.in)

Address: Colony near SBI bank, Lavarpur,  
Gandhinagar, Gujarat-382355  
Webpage: <https://patel-zeel.github.io/>

### Current Role

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**PhD student** (Advisor: [Nipun Batra](#))

*Jan 2020 - present*

Current CPI: 8.54/10  
Computer Science and Engineering  
IIT Gandhinagar, Gujarat, India

### Education

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**MTech in Smart Manufacturing**

*Aug 2017 - May 2019*

IIITDM Kancheepuram, Chennai, India  
CGPA: 9.17/10

**BE in Mechanical Engineering**

*Aug 2013 - May 2017*

KSV University, Gandhinagar, Gujarat, India  
CGPA: 7.88/10

**HSC [Class XII] [Gujarat Higher Secondary Board]**

*Apr 2011 - Mar 2013*

Ved International School, Gandhinagar, Gujarat, India  
Percentage: 79.69/100

**SSC [Class X] [Gujarat Higher Secondary Board]**

*Apr 2010 - Mar 2011*

Sardar Patel High School, Indraprastha, Anjar, Gujarat, India  
Percentage: 84.8/100

### Industrial Experience

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**Data Scientist in CTO team**

*Jun 2019 - Dec 2019*

Inspirisys Solutions Ltd., Chennai, India

### Publications (Google Scholar Profile)

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**Zeel B Patel**, Nipun Batra

[Towards Active Air Quality Station Deployment](#)

SubSetML Workshop, ICML, 2021

Rishiraj Adhikary, **Zeel B Patel**, Tanmay Srivastava, Nipun Batra, Mayank Singh, Udit Bhatia, Sarath Guttikunda

[Vartalaap: What Drives #AirQuality Discussions: Politics, Pollution or Pseudo-science?](#)

ACM CSCW, 2020

**Zeel B Patel\***, S Deepak Narayanan\*, Apoorv Agnihotri, Nipun Batra

[Poster Abstract: A toolkit for spatial interpolation and sensor placement](#)

ACM SenSys, 2020

**Zeel B Patel**, Nipun Batra

[Active Learning: A Visual Tour](#)

3rd Workshop on Visualization for AI Explainability, IEEE VIS, 2020

**Zeel B Patel**, Sreekumar Muthuswamy

[A Machine Learning Scheme for Tool Wear Monitoring and Replacement in IoT-Enabled Smart Manufacturing](#)

ICIPDIMS, 2019

## Academic Service

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Reviewer at ACM COMPASS'21 Posters and Demos

*7 Jun 2021*

## Attended Conferences and Schools

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**Google Graduate Symposium 2021**

*7-10 Apr 2021*

Virtual event

**ACM SenSys 2020**

*16-19 Nov 2020*

Virtual event

**Gaussian Process and Uncertainty Quantification Summer School, University of Sheffield**

*14-17 Sep 2020*

Virtual event

**ACM SIGKDD 2020**

*23-27 Aug 2020*

Virtual event

**IRISS 2020**

*13-15 Feb 2020*

IIT Gandhinagar, Gujarat, India

## Awards

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**ICML 2021 registration grant**

*14 Jul 2021*

**VIS 2020 registration grant**

*9 Oct 2020*

## Positions of Responsibility

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**Program Volunteer**

*2020*

- IRISS2020: 14th Inter-Research-Institute Student Seminar in Computer Science  
IIT Gandhinagar, Gujarat

**Session Host**

- RoSMa2018: 1st International Conference on Robotics and Smart Manufacturing  
IIITDM Kancheepuram, Chennai

*2018*