

Zeel B Patel

Date of birth: 04-08-1996

Nationality: Indian

Email: patel_zeel@iitgn.ac.in

GitHub: <https://github.com/patel-zeel>

Address: Colony near SBI bank, Lavarpur,
Gandhinagar, Gujarat-382355

Webpage: <https://patel-zeel.github.io/>

Current Role

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

Jan 2020 - present

Current CPI: 8.54/10

Computer Science and Engineering

IIT Gandhinagar, Gujarat, India

Education

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

Data Scientist in R&D team

Jun 2019 - Dec 2019

Inspirisys Solutions Ltd., Chennai, India

Programming languages

Python (proficient), C (basic)

Publications ([Google Scholar Profile](#))

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](#)
ICPDIMS, 2019

Academic Service

Reviewer at ACM COMPASS'21 Posters and Demos

7 Jun 2021

Teaching

Introduction to Bayesian Machine Learning, [A guest lecture in Machine Learning course](#)

27 Mar 2021

Introduction to Active Learning, A guest lecture in [Ubiquitous computing course](#)

10 Nov 2021

Attended Conferences and Schools

[Gaussian Process and Uncertainty Quantification Summer School, University of Sheffield](#)

13-16 Sep 2021

Virtual event

[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

Google Compute grant (\$ 5000 credits in GCP)

12 Nov 2021

ICML 2021 registration grant

14 Jul 2021

VIS 2020 registration grant

9 Oct 2020

Positions of Responsibility

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