Abhilash Chandra Singh

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EDUCATION

Ph.D., Transportation Engineering — *2019 - present*
Imperial College London, UK

M.S., Civil and Environmental Engineering — *2016 - 2018*
The University of Texas at Austin, USA

B.Tech., Civil Engineering — *2012 - 2016*
Indian Institute of Technology Bombay, India &
The Cooper Union for the Advancement of Science and Art, USA

ACHIEVEMENTS & AWARDS

Department Dixon Scholarship	*UK, 2019 - 2023*
Wellcome Trust Pathways Scholarship	*UK, 2019 - 2023*
Professional Development Award	*Texas, 2018*
Texas District Student Fellowship	*Texas, 2017*
Graduate fellowship to study at UT Austin	*Texas, 2016*
University of Alberta Research Experience (UARE) fellowship	*Canada, 2015*
Inaugural IITBAA-NY Chapter exchange scholarship	*New York, 2014*
All India Rank 1,321 (amongst 500,000), IIT Joint Entrance Exam	*India, 2012*
All State Rank 19 in Mathematics Olympiad (amongst 100,000)	*India, 2010*

WORK EXPERIENCE

Senior Data Scientist - ASDA Business Services
Leeds, UK — *2021 - present*

Alan Turing Institute &
Leeds Institute of Data Analytics, UK — *Summer 2021*

WELLCOME Trust - Pathways to Equitable Healthy Cities
Imperial College London — *2019 - present*

Activity Based Model for Qatar
ItalConsult & Ministry of Transport and Communication Qatar — *2017 - 2018*

New York Best Practice Model Base Year Update
Cambridge Systematics & NYMTC, New York — *2016 - 2018*

Coordinating consistency between state and regional planning models
Texas Department of Transportation — *2016 - 2017*

University of Alberta &
Landmark Group of Builders, Canada — *Summer 2015*

Indian Institute of Management Lucknow, India — *Summer 2014*

ACADEMIC SERVICE

Steering Committee Member: Imperial Network of Excellence in Sustainability through Life Cycle Approaches — *2021 - present*
Department Academic Mentorship Program (DAMP): Provided one-on-one counseling and teaching to sophomore students at Indian Institute of Technology Bombay — *2015 - 2016*
Techlabs London: Volunteer mentor to two groups of total 25 participants providing support on data science and machine learning — *2021 - present*
Urban Systems Lab, Imperial College London: Organized bi-weekly seminar series with over 12 national and international guest presentations — *2021 - present*