

SHRUTI SHUBHAM

Contact Information

ss5127@columbia.edu
+1 917 849 9573

420 W 116th ST, APT 2F, New York

SOFTWARE

Spatial Analysis

ESRI-GIS
QGIS
CARTO
Tableau

Grasshopper Scripting

Quantitative Analysis

STATA
R

3-D & Rendering

Rhino
AutoCAD
Revit
Sketchup
V-Ray

Editing and Design

Adobe Creative Suite
Microsoft Office

LANGUAGES

Python
JavaScript
HTML
CSS
C++ (basic)

Hindi (Native)
English (Proficient)
Spanish(Basic)

POSITIONS

Member

Columbia University
Life Events Council

Program Coordinator

Place and Displacement Team,
IDEA (Competition), 2017-18

Waterfront Scholar

Arcadis, 2017

Assistant Editor

Urban Magazine, 2016-17

EDUCATIONAL QUALIFICATION

M.S. URBAN PLANNING

Graduate School of Architecture, Planning and Preservation, Columbia University | New York, Aug '16- May '18
Concentrations | Community and Economic Development & Urban Analytics

BACHELOR'S IN ARCHITECTURE

School of Planning and Architecture | New Delhi Aug '09- May '14
Concentrations | Design and Building Construction

RELEVANT EXPERIENCE

Center for Spatial Research | Teaching Assistant | New York, Jan '18- Present

The course is a part of an initiative hosted by CSR to teach courses the critical use of digital tools across fields in architecture, urbanism, and the humanities. The position includes facilitating tutorials, conducting discussions, providing critiques on design and code. <http://agneschang.net/gsap-dataviz-archhum/>

Envelope City | Consultant | New York, Sep '17- Present

The company helps visualize practitioners involves in the real estate industry, the 3-dimensional building bulk possible on an identified piece of land within New York City. The role involves digitally cataloging the New York zoning regulations in the form of shapefiles & raster images. <https://envelope.city>

CUDRR+R | Research Intern | New York, Aug '17 - Nov '17

The role involved assisting Dr. Ebru Gencer, Adjunct Professor at Columbia University on a project delegated by UNISDR in investigating parameters and sub-parameters outlined in the 'Sendai Framework.' It also required re-evaluating the framework's priorities vis-à-vis *ten essentials* included in a disaster resiliency scorecard.

Katerra | Intern – Configurator | San Francisco, Jun '17-Sep '17

Katerra is a tech company committed to optimizing the design, development and construction process of a building. The position involved design and development of the Katerra configurator, an interface which allows the user to design, visualize and assess every step during the process of design and construction. <https://katerra.com/>

OTHER EXPERIENCE

Events and Communication Department - GSAPP | Events Assistant | New York, Aug '16 – May '17

Arthur Ross Architecture Gallery - GSAPP | Exhibitions Assistant | New York, Aug '16 – May '17

Industrial Design Dept. - S.P.A. New Delhi | Research Associate | New Delhi, Jan '16 – Jun '16

Mistry Architects | Junior Architect | Bengaluru, Aug '14 – Sep '15

Raj Rewal Associates | Architectural Intern | New Delhi, Jan '13 – Jun '13

S.W.B.I. | Architectural Intern | New Delhi, Jun '11 – Jul '11

Aishwarya Tipnis Architects | Architectural Intern | New Delhi, Jun 10 – Jul '10

ONGOING AND COMPLETED RESEARCH

- Watch them segregate: A comparative study of the distribution of Tech Jobs in commuter zones | 2017
- Determining affordable housing -Economic Opportunity index in NYC | 2017
- Effects of *last mile infrastructure* for e-commerce on the restructuring of the city fabric | 2017
- Exploring integration of bikeshare and rideshare infrastructure to solve last mile transportation issues in Bengaluru | 2017
- Socio-economic benefits of a pub-private, not-for-profit business incubator such as the NYU poly incubator in its neighborhood | 2017
- Effects of market regulated e-hail transportation (UBER) on the movement pattern of the city | 2017
- Merits and demerits of privatizing an industry: Case Study - Indian civil aviation industry | 2016

WORKS PUBLISHED

Compilation and Cover Design-Theory of Settlements, History, and Evolution of Selected Cities, 2017
Amazon.in: <https://www.amazon.in/Theory-Settlements-History-Evolution-Selected/dp/9383419563>

Designer and Editor- Repositioning Indian Waterfronts, 2016
Amazon.com: <http://amzn.to/2jsdqni>

Editor- Smart Cities Seminar Publication, 2013
Issuu.com: <https://goo.gl/PQksLM>