

**Gaurav Kailash Patil**  
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**Country of Citizenship:** India  
**Phone:** +1-917-499-3947  
**Portfolio:** <https://gauravpatil123.github.io/projects-portfolio/>  
**Github:** <https://github.com/gauravpatil123>

## Interests

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Product Design, UI, UX, HCI, Data Science, Visualization, Deep learning, Machine Learning

## Technical Skills

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*Design & Prototyping:* Figma, Adobe Illustrator, Adobe Photoshop, InVision  
*Software Development:* Python, JavaScript, HTML, CSS, PHP, D3, REST APIs, SQL, JQuery, Java  
*ML Frameworks:* TensorFlow, Keras  
*Mathematical Strengths:* Linear Algebra, Calculus, Probability Theory, Statistics  
*Applications:* Gephi, Tableau, AutoCAD, SketchUp, L<sup>A</sup>T<sub>E</sub>X

## Recent Academics

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**Pratt Institute, School of Information, NYC, USA** **Jan 2022 - Present**  
Master of Science - Data Analytics and Visualization  
Advanced Certificate in User Experience

## Related Coursework & Projects

*Mentioned projects are included in my portfolio (link above)*

**Digital Product Design** **Pratt - Spring 2023**  
Communicating Subsurface Infrastructure for NYC DDC  
*Designed a mobile application for NYC DDC to better communicate their subsurface projects.*

**Information Architecture & Interaction Design** **Pratt - Fall 2022**  
Redesign of the New York Transit Museum Website  
*Revamped the web experience of NYTM by improving the information architecture & webpage redesigns.*

**Usability Theory & Practice** **Pratt - Spring 2022**  
Usability Testing for Friends of Crocheron & John Golden Park (Report available on request)  
*Evaluated park's website by employing moderated user tests & provided recommendations to improve usability*

**Current Pratt Courses:** Machine Learning, Advanced Projects in Visualization.

**Related Pratt Courses:** Web Development, Programming User Interfaces, Visual Communication & Information Design, Programming Interactive Visualizations.

## Previous Academics

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**Columbia University, Fu-Foundation SEAS, NYC, USA** **Sept 2014 - May 2015**  
Master of Science - Civil Engineering and Engineering Mechanics

**University of Mumbai, RCOE, Mumbai, India** **July 2010 - July 2014**  
Bachelor of Engineering - Civil Engineering